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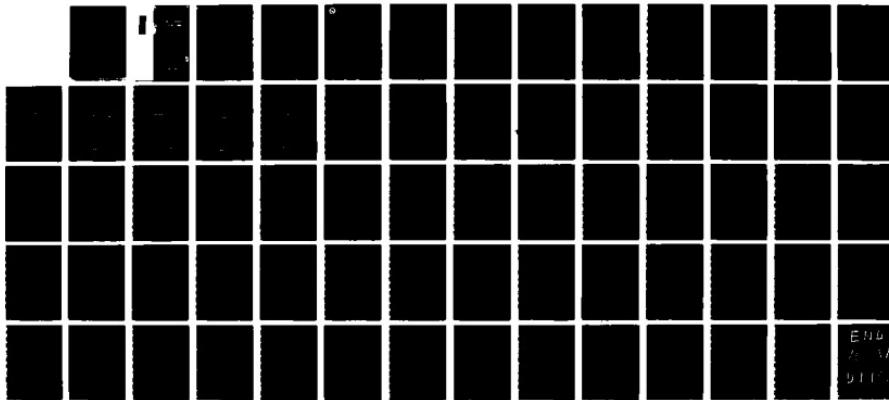
MOTOR CARRIER COST PER MILE ANALYSIS(U) DEFENSE
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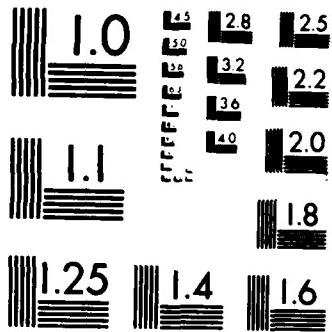
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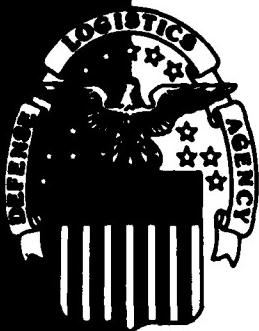


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DEPARTMENT OF DEFENSE

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LOGISTICS
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MOTOR CARRIER COST PER MILE ANALYSIS

Operations Research and Economic Analysis Office

Cameron Station
Alexandria, Virginia 22304-6100

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The primary objective was to determine the motor carrier costs on a per mile basis for each Defense Logistics Agency (DLA) defense depot and to compare those costs across the defense depots. The study approach consisted of selecting appropriate shipping history records from the Freight Information System (FINS) file for the fiscal year 1985. This analysis identifies the motor carrier cost trends based on cost per hundred weight per mile. This analysis also determines a relative ranking of defense depots motor carrier cost based on costs per hundred weight per mile and the effects of minimum charges for less-than-truckload Guaranteed Traffic Program.

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MOTOR CARRIER COST PER MILE ANALYSIS

MARCH 1987

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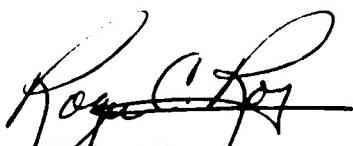
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FOREWORD

This report documents an analysis of the cost per mile for motor carriers. The analysis examined the cost per hundred weight per mile for shipments originating at DLA defense depots and destined to points in the Continental United States. Data were obtained from the Freight Information System file for FY 85.

Comparisons were made of the mean cost per hundred weight per mile with mileage groups and weight brackets taken into consideration across all DLA defense depots. These comparisons determined the relative ranking of each defense depot, the effects of minimum charges associated with the Guaranteed Traffic Program, and the relative effectiveness of the various Guaranteed Traffic Programs for the defense depots.

This analysis identifies to DLA's Directorate of Supply Operations the motor carrier cost trends based on cost per hundred weight per mile. This analysis also determines a relative ranking of defense depots motor carrier cost based on costs per hundred weight per mile and the effects of minimum charges for less-than-truckload Guaranteed Traffic Program.



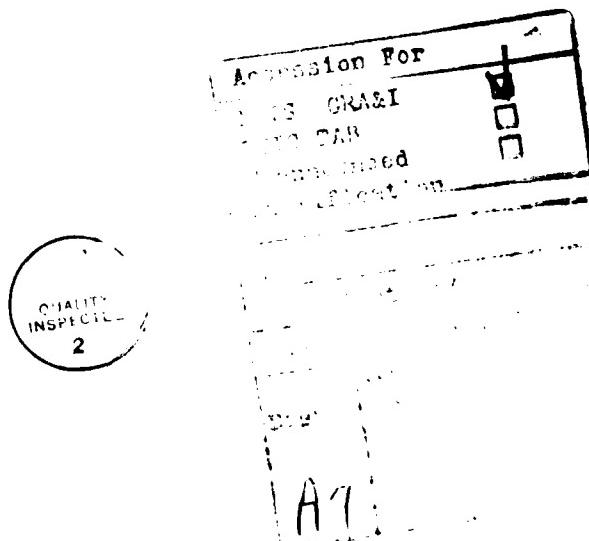
ROGER C. ROY
Acting Assistant Director,
Policy and Plans

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I. INTRODUCTION. By memorandum dated 19 September 1986, the Directorate of Supply Operations, Transportation Division (DLA-OT), requested an analysis of motor carrier cost on a per mile basis from each DLA defense depot. The data will be used to compare motor carrier transportation rates on a per mile basis across the DLA defense depots.

A. Background. A recent conversation between DLA-OT and the DLA Operations Research and Economic Analysis Management Support Office (DORO) revealed that a requirement exists to examine motor carrier cost trends on a cost per mile basis. A cost per mile study will enhance the interpretation of depot cost trends because the traditional cost per hundred pound (cwt) charges do not accurately reflect distance as a factor in the cost. A defense depot with shorter average less-than-truckload (LTL) distances for example, could have a low cwt cost when compared to other depots. However, when distances are considered, the same defense depot could be spending more on a per mile basis than other defense depots.

B. Purpose. The purpose of this study was to provide insight into motor carrier costs on a per mile basis for all DLA defense depots.

C. Objective. The primary study objective was to determine the motor carrier costs on a per mile basis for each DLA defense depot and to compare those costs across the defense depots.

D. Scope

1. The study was limited to interstate motor carrier shipments with DLA defense depots as origins and all continental United States (CONUS) points as destinations.

2. Dedicated truck service was excluded from the analysis due to the special nature of this service.

3. The time period of the data was fiscal year 1985 (FY85).

II. METHODOLOGY. The study approach consisted of selecting appropriate shipping history records from the Freight Information System (FINS) file for the fiscal year 1985.

A. Input Data

The input data consisted of FINS records for a one year period. For a record to be selected for the analysis, the first position of the transportation mode field had to be an 'A' which is the indicator for all types of motor carrier shipments. The data used from each record selected consisted of:

1. the origin depot Standard Point Location Code (SPLC);
2. the origin depot Government Bill of Lading Location Code (GBLOC);
3. the total weight;

4. the billed weight;
5. the total charges;
6. the destination state;
7. the destination city; and
8. the SPLC assigned to the destination activity.

The mileages used for the study were generated by an algorithm which approximated mileages based on the longitude and latitude of the origin and destination SPLCs.

B. Data Preparation

A computer program was written and run to select the appropriate records from the FINS file. A second program was run which used an algorithm to approximate mileages and appended these mileages to the selected records from the FINS file. Finally, a third program was run for each defense depot to select the data and make computations according to the following criteria:

1. eliminated dedicated truck service;
2. eliminated obviously erroneous data;
3. converted weights to the billed weight;
4. selected records that were interstate shipments only;
5. aggregated the transportation charges according to weight and mileage; and
6. computed the average transportation charge per cwt per mile for each weight bracket and mileage group. Table 1 shows the weight brackets used and Table 2 shows the mileage groups used for this analysis .¹

The above data were copied into a Lotus 123 spreadsheet for each DLA defense depot to facilitate analysis of the data and defense depot comparisons. Appendix A shows the spreadsheet data for each defense depot. It breaks the average rate per cwt per mile into weight brackets and mileage groups.

¹

The weight brackets and mileage groups are according to the transportation industry practices. The mileage groups are from, Peggy Zeillman, Bureau's Rates Analysis, April 1986, (N.p.: Central and Southern Motor Freight Tariff Association, Inc., [1986]).

Appendix B contains the spreadsheet data which compares the defense depots' mean rates per cwt per mile according to weight brackets and mileage groups. Appendix C contains the data generated by the final program which consists of the number of shipments, the average weight, the average transportation charges, the average transportation miles, and the average rate per cwt per mile.

TABLE 1
WEIGHT BRACKETS

0-499 lbs	15000-19999 lbs
500-999 lbs	20000-24999 lbs
1000-1999 lbs	25000-29999 lbs
2000-4999 lbs	30000-34999 lbs
5000-9999 lbs	35000-39999 lbs
10000-14999 lbs	40000 lbs and over

TABLE 2
MILEAGE GROUPS

1- 50-100 miles	10- 1000-1200 miles
2- 100-150 miles	11- 1200-1400 miles
3- 150-200 miles	12- 1400-1600 miles
4- 200-300 miles	13- 1600-1800 miles
5- 300-400 miles	14- 1800-2200 miles
6- 400-550 miles	15- 2200-2600 miles
7- 550-700 miles	16- 2600-3000 miles
8- 700-850 miles	17- 3000 miles and over
9- 850-1000 miles	

III. ANALYSIS

A. Data Trends. The data tend to behave as expected on an individual defense depot basis. The motor carrier rates per cwt per mile tend to decrease with respect to increases in distance and/or increases in weight. Carrier costs follow the tapering principle which means that as distance and/or weight increases the total cost will increase but at a slower rate. Thus on a per unit basis the average rate per cwt per mile will decrease. The data in Appendix A support the tapering principle.

B. Cost Comparisons Across Defense Depots

There tends to be a greater disparity in rates per cwt per mile between the shorter distances, distances under 550 miles, particularly for the 50-100 mile group. After the 550-700 mile group the rates tend to converge along a narrow band for LTL shipments under 10,000 pounds. Figures 1 through 5 show the rate comparisons for LTL shipments: 0-499 lbs.; 500-999 lbs.; 1000-1999 lbs.; 2000-4999 lbs.; and 5000-9999 lbs. respectively. Table 2

contains the mileage groupings used to produce the figures. The depot codes used for the figures are the following: TC-Defense Depot Tracy, CA; OU-Defense Depot Ogden, UT; MT-Defense Depot Memphis, TN; CO-Defense Depot Columbus, OH; MP-Defense Depot Mechanicsburg, PA; and RV-Defense Depot Richmond, VA.

There are two major occurrences at the 10,000 pound break point. First, shipments greater than 10,000 pounds are normally considered as volume or truckload (TL) shipments. Table 3 shows where each defense depot defines the difference between LTL and TL shipments. The significance of this is that TL rates tend to be lower than LTL rates.

TABLE 3
DEFENSE DEPOT DEFINED TL SHIPMENTS

<u>Depot</u>	<u>TL Weight (minimum)</u>
Defense Depot Tracy, CA (DDTC)	25,000
Defense Depot Ogden, UT (DDOU)	10,000
Defense Depot Memphis, TN (DDMT)	15,000
Defense Depot Columbus, OH (DDCO)	20,000
Defense Depot Mechanicsburg, PA (DDMP)	10,000
Defense Depot Richmond, VA (DDRV)	10,000

The second major occurrence is that the DLA Guaranteed Traffic Program (GTP) generally starts at 10,000 pounds for TL shipments. The purpose of the TL GTP is to reduce the cost and transit time of TL shipments. Figures 6 through 12 show the rate comparisons for TL shipments: 10000-14999 lbs.; 15000-19999 lbs.; 20000-24999 lbs.; 25000-29999 lbs.; 30000-34999 lbs.; 35000-39999 lbs.; and 40000 lbs. and over, respectively.

Figures 1 through 12 show a comparison of average rates per cwt per mile according to weight brackets and mileage groups. A review of the figures show inconsistent patterns which makes it difficult to determine which defense depots have overall low rates or high rates. The figures also show unconnected points. This only indicates that there were no observations for the mileage groups on either side of the unconnected point.

The behavior of the curves in the figures were expected. LTL rates were expected to be higher than TL rates because LTL rates contain terminal and line haul costs whereas TL rates contain mainly line haul costs. TL rates tend to be more linear than LTL rates. The low mileage groups have an effect upon both TL and LTL rates. This effect can be caused by the minimum charges assessed by motor carriers.

The figures show the rate curves shifting down from one weight bracket to the next. When comparing the figures note that the first weight bracket (0 to 499 lbs) rate scale is from 0 to .4, the second weight bracket (500 to 999 lbs) rate scale is from 0 to .12, and the remaining weight brackets

Figure 1

RATE COMPARISONS-0 to 499 lbs
(Mileage groups from 1 to 16)

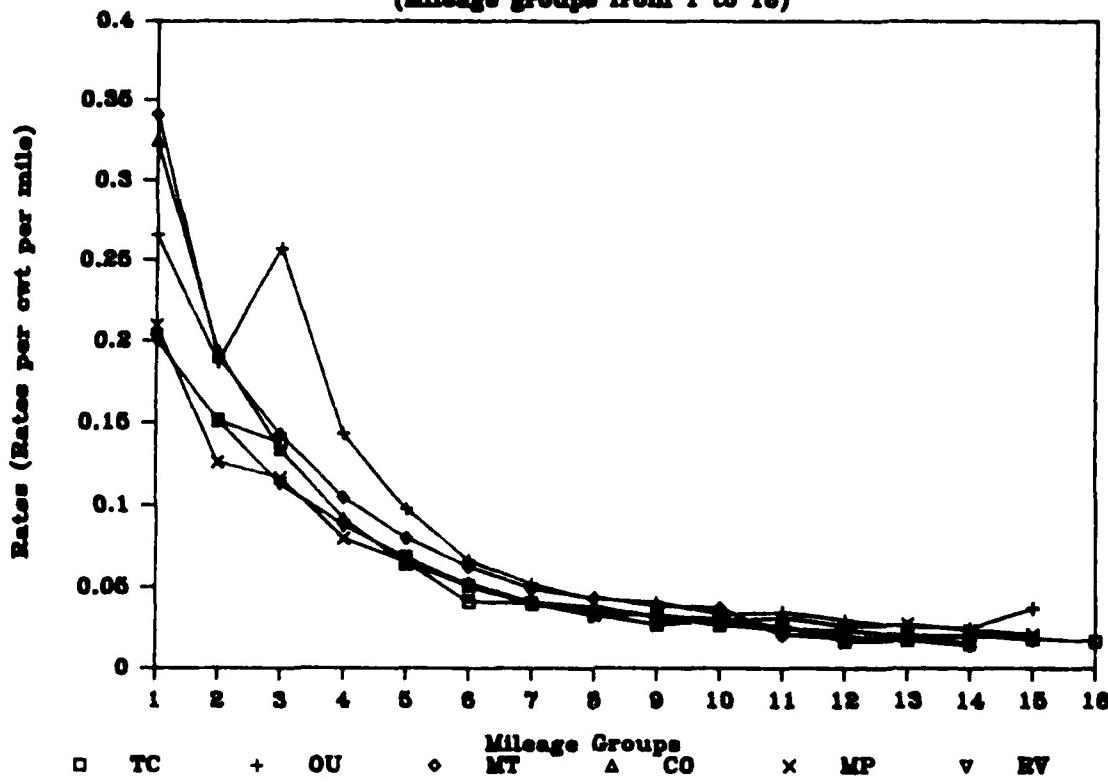


Figure 2

RATE COMPARISONS-500 to 999 lbs

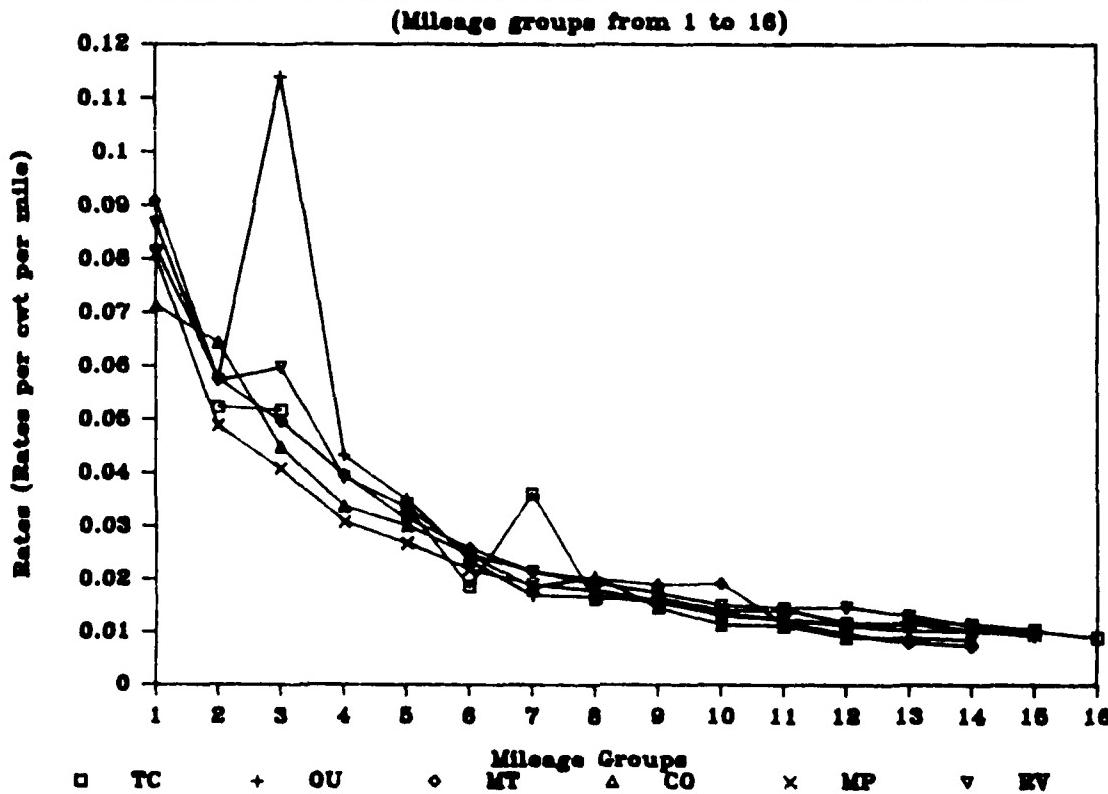


Figure 3

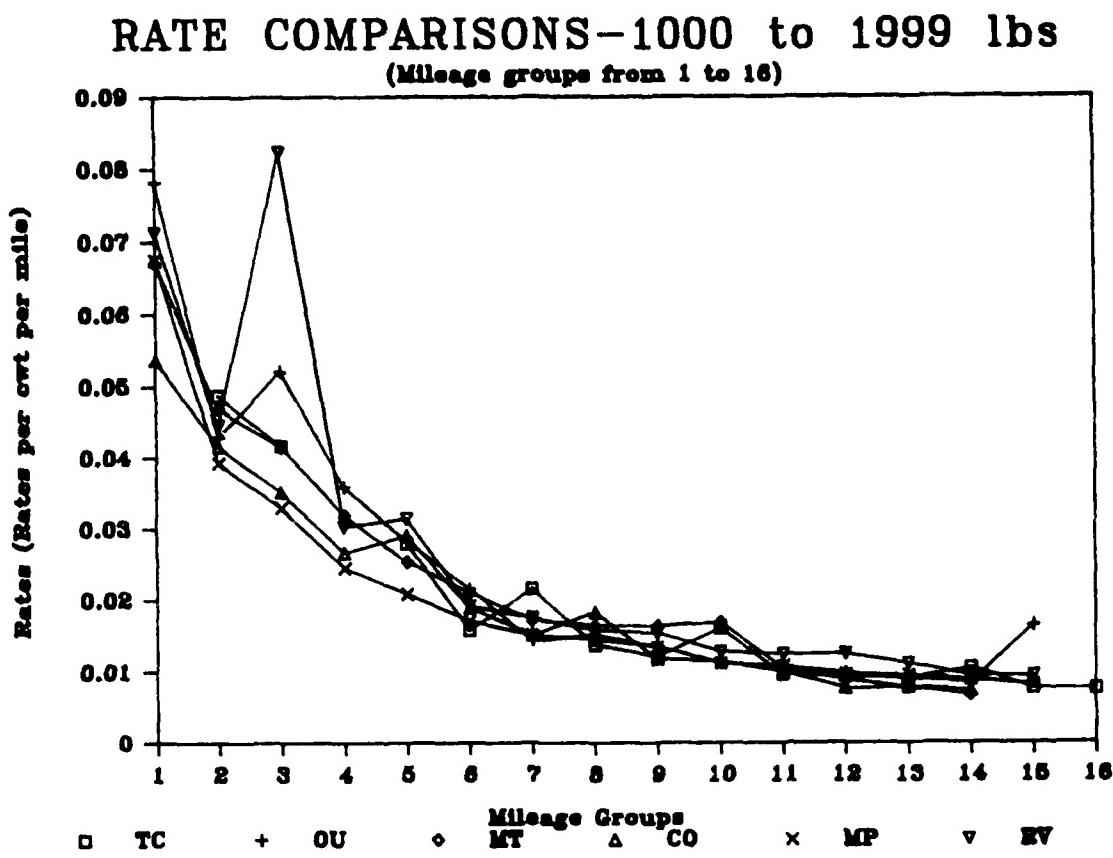


Figure 4

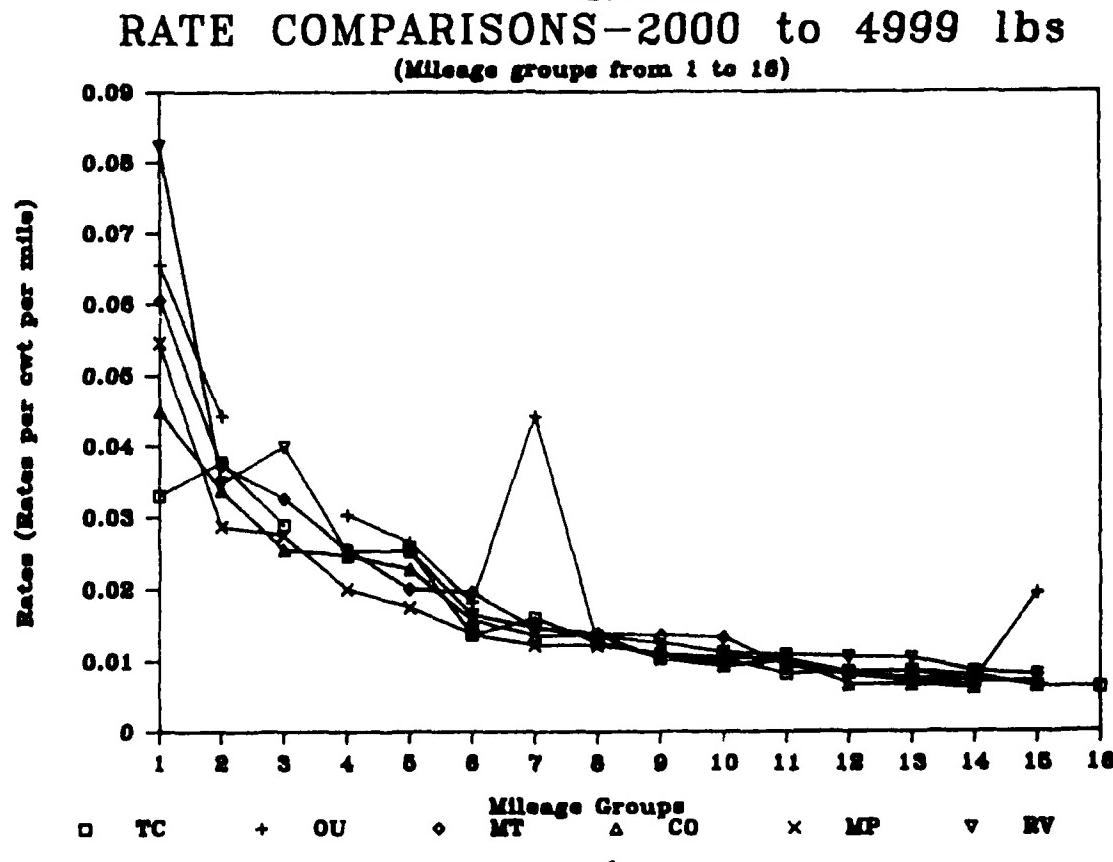


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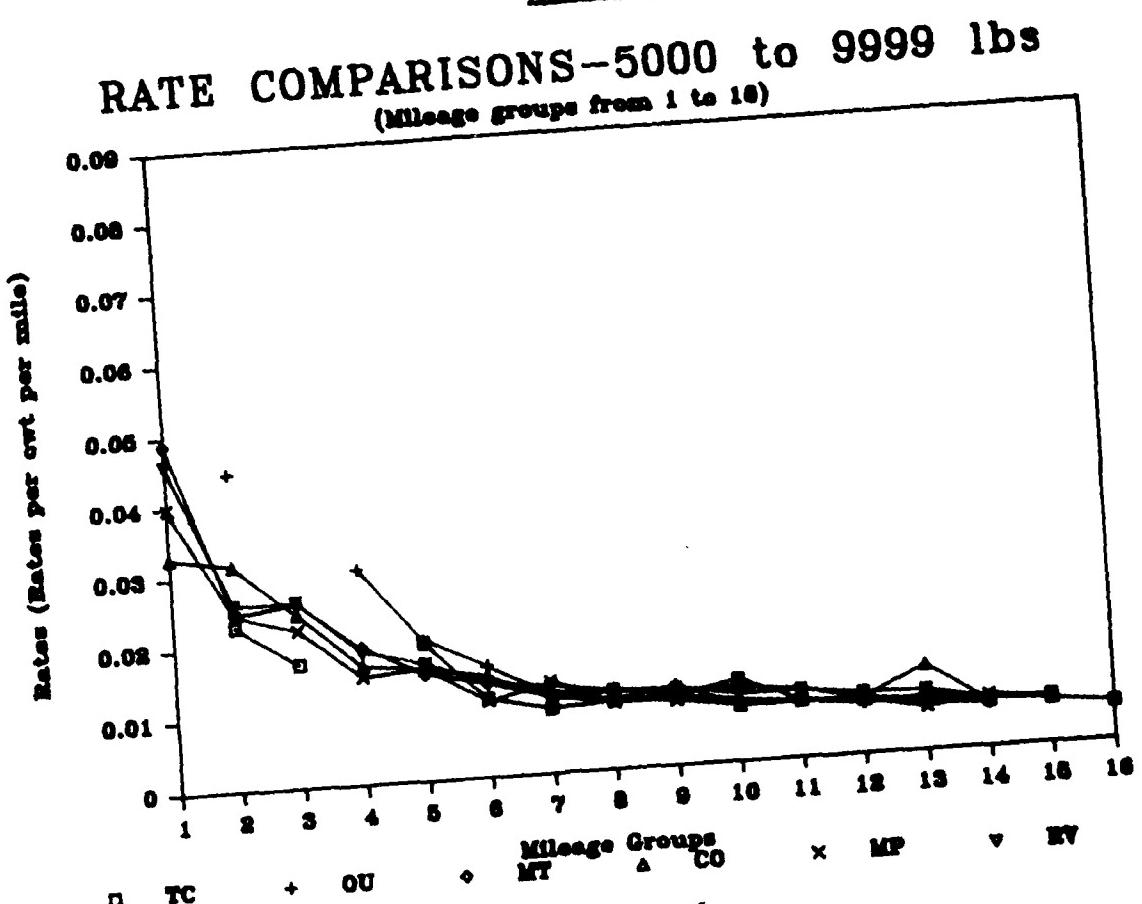


Figure 6

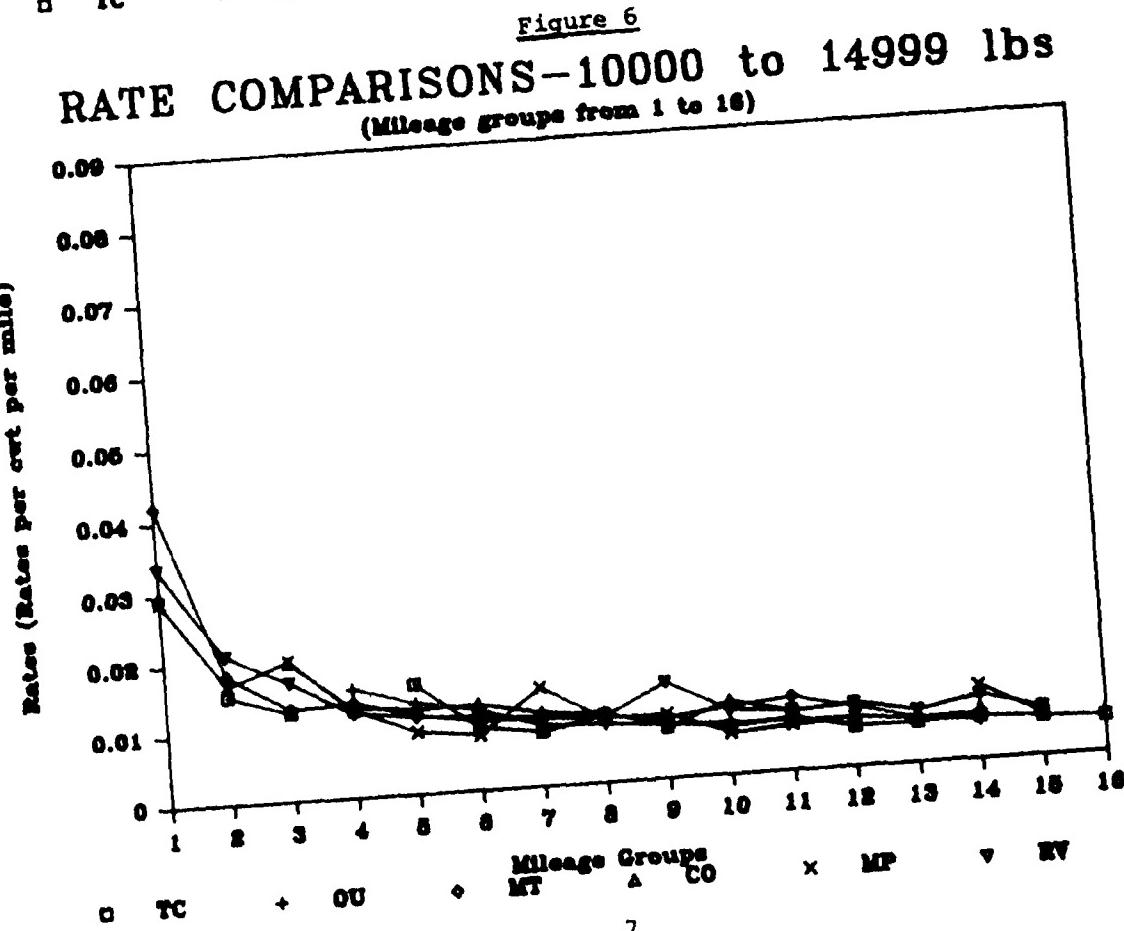


Figure 7

RATE COMPARISONS-15000 to 19999 lbs
(Mileage groups from 1 to 16)

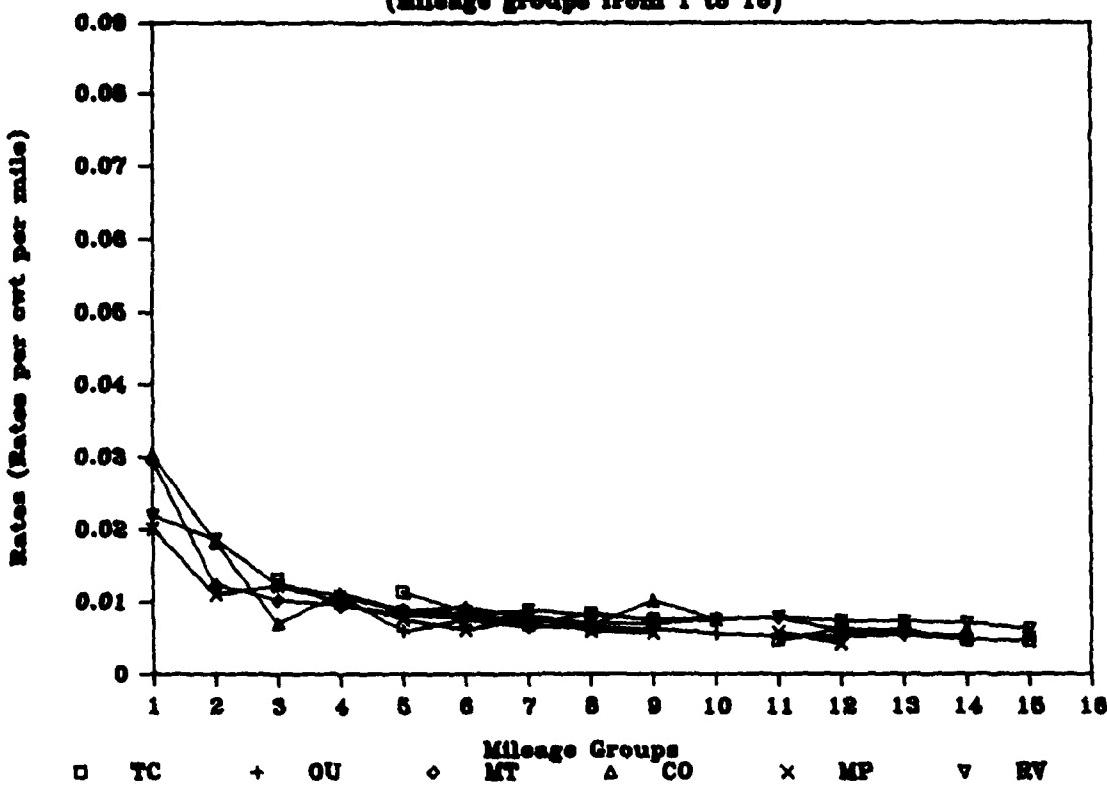


Figure 8

RATE COMPARISONS-20000 to 24999 lbs
(Mileage groups from 1 to 16)

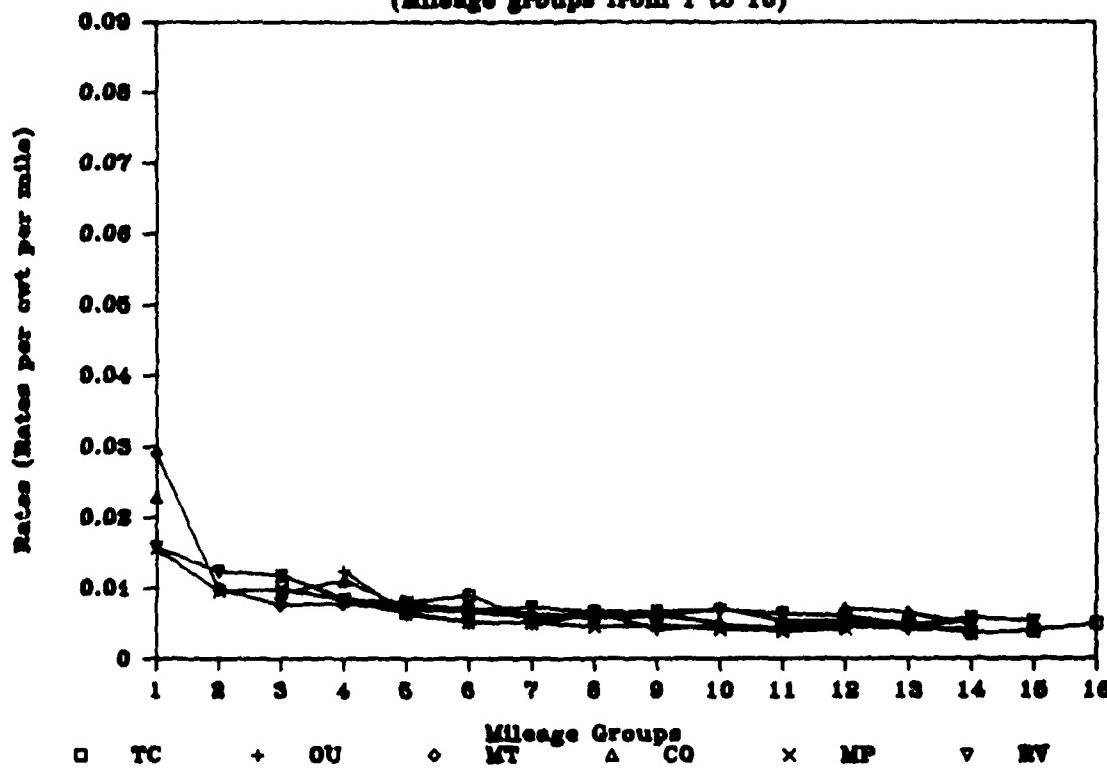


Figure 9

RATE COMPARISONS—25000 to 29999 lbs
(Mileage groups from 1 to 16)

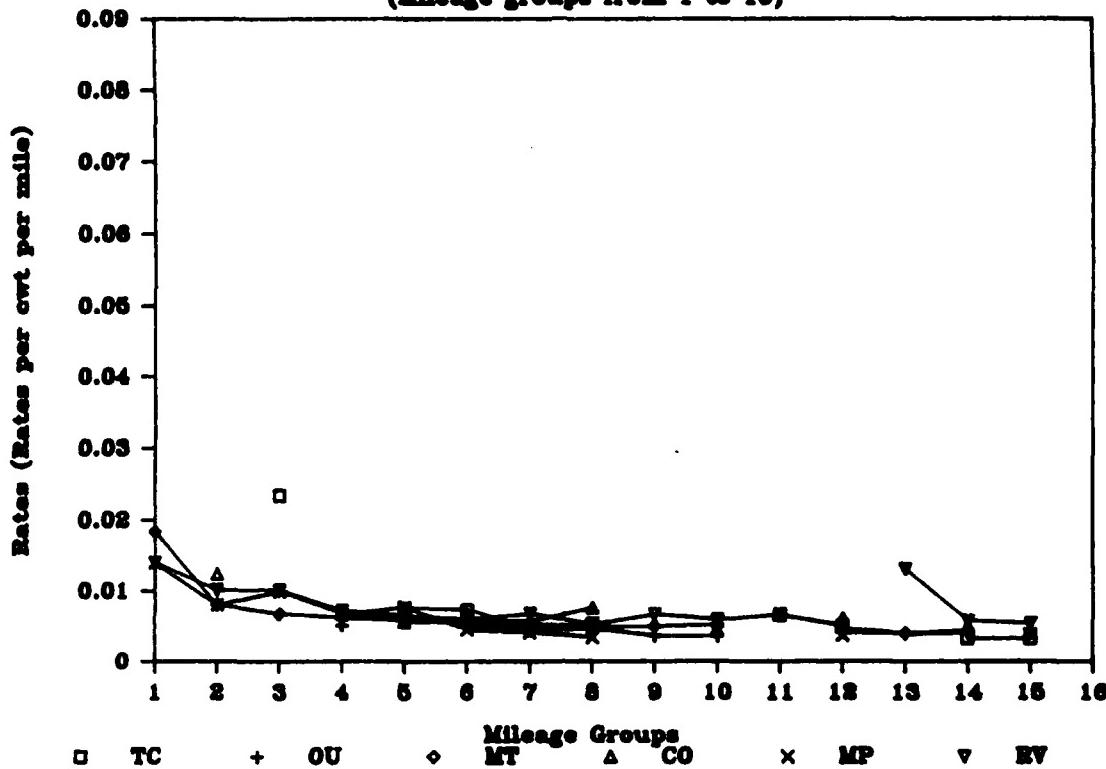


Figure 10

RATE COMPARISONS—30000 to 34999 lbs
(Mileage groups from 1 to 16)

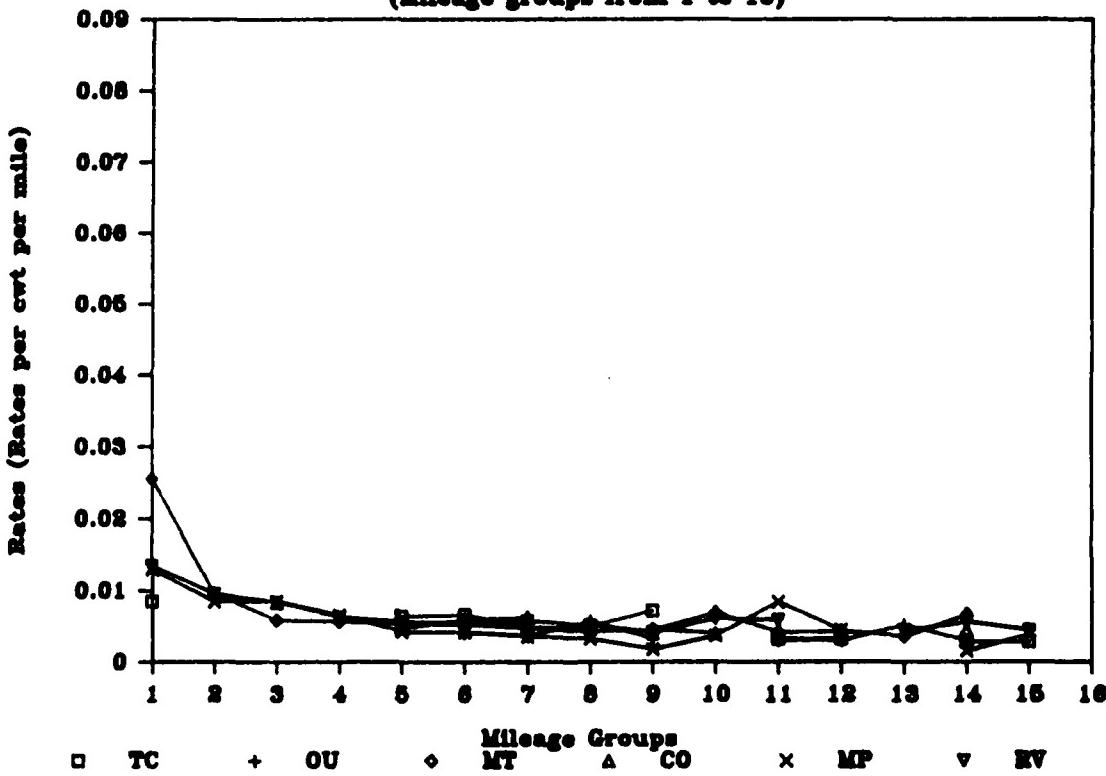


Figure 11

RATE COMPARISONS—35000 to 39999 lbs

(Mileage groups from 1 to 16)

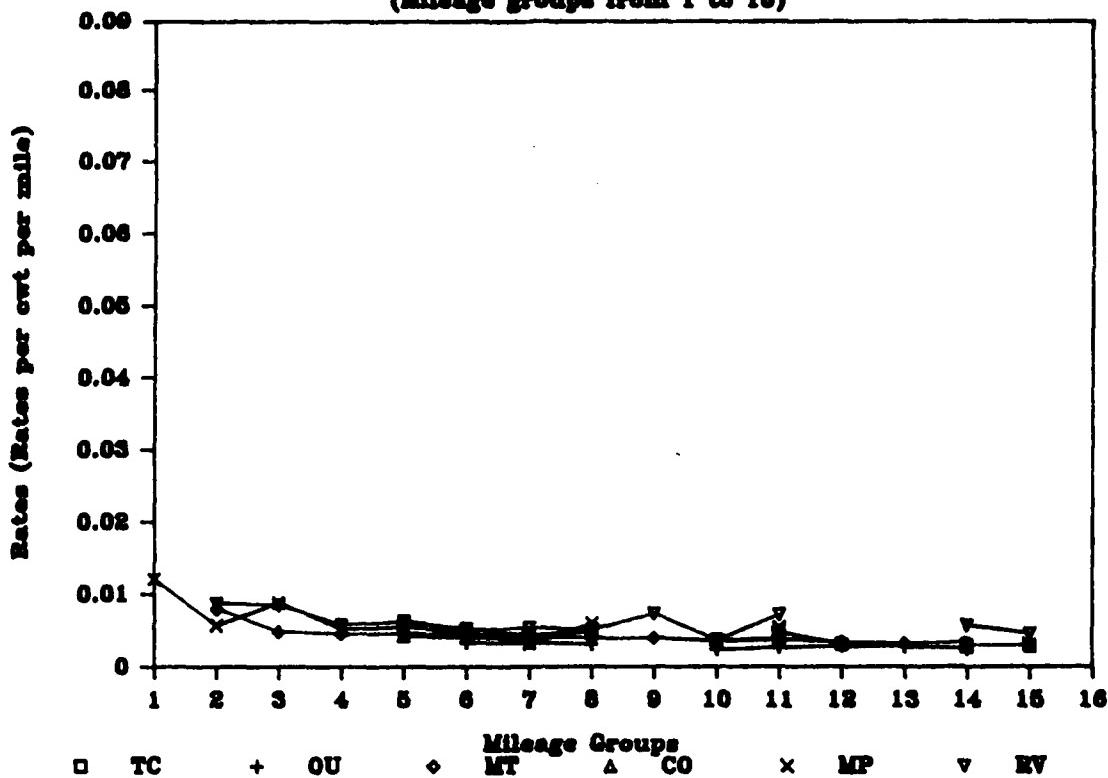
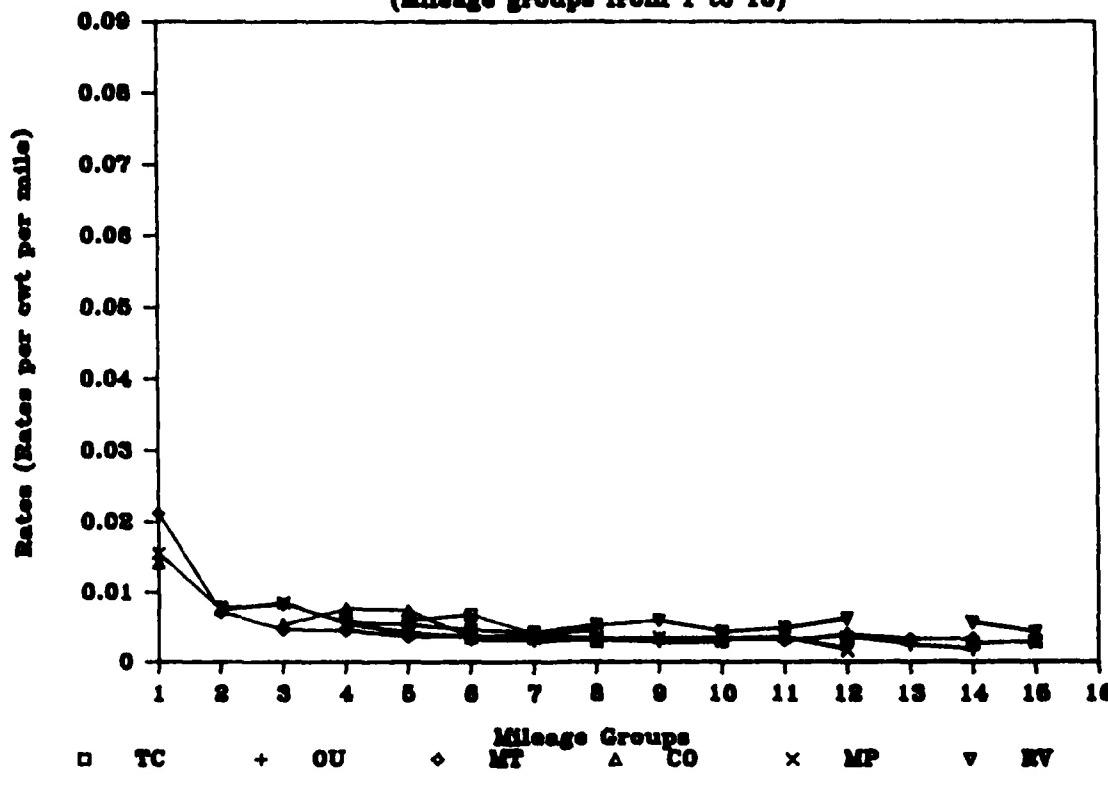


Figure 12

RATE COMPARISONS—40000 lbs and over

(Mileage groups from 1 to 16)



rate scales are from 0 to .09. The rate curves for weight brackets greater than the 500 to 999 lbs bracket would have a more pronounced downward shift when compared to the 0 to 499 lbs and 500 to 999 lbs weight brackets.

C. Statistical Analysis of Data

The GTP has been implemented for all TL shipments throughout DLA. DLA defense depots have also implemented GTP for LTL shipments with the exception of Defense Depot Richmond, Virginia (DDRV). Since one of the primary purposes of the GTP is to reduce rates, a reasonable expectation is that DDRV rates for LTL traffic will be higher than those of the other defense depots. Another expectation is that a geographical difference in rates should be shown. The general nature of motor carrier rates published by rate bureaus tend to reflect the different general operational characteristics of the geographical areas of CONUS. For example, the labor costs in the Eastern part of the US tend to increase rates for the Eastern portion of the US whereas the rates for the Western portion of the US tend to be lower due to lower labor costs. Statistical analyses of the data were performed to determine if any differences do exist in the average rate per cwt per mile and to determine where these differences occur.

An analysis of variance (ANOVA) test which blocked, or factored, for mileage groups and weight brackets was conducted for the following areas:

1. LTL shipments as defined by the defense depots according to Table 3;
2. TL shipments as defined by the defense depots according to Table 3;
3. weight break point area for LTL and TL shipments (10000 pounds to 25000 pounds);
4. all shipment weights for the defense depots;
5. shipments under 10000 pounds; and
6. shipments over 10000 pounds.

The purpose of an ANOVA is to statistically test the null hypothesis that all means of the rate per cwt per mile are equivalent or that there is no significant difference between the means for all defense depots. If the null hypothesis is rejected, then we can conclude that the alternative hypothesis (the mean rates per cwt per mile are different) is true. The results of each ANOVA test for the above areas significantly rejected the null hypothesis. Therefore, the alternative hypothesis should be accepted. This indicates that the mean rates per cwt per mile are not equivalent for all defense depots.

A Multiple Classification Analysis (MCA) was conducted to determine where differences between the mean rate per cwt per mile occurred for each of the above areas. The MCAs show the grand mean, the number of observations for each depot, an unadjusted mean deviation from the grand mean for each depot, and an adjusted mean deviation from the grand mean for each depot.

The unadjusted mean deviation shows the deviation from the grand mean based on all observations of each depot. The adjusted mean deviation shows the deviation of the mean from the grand mean based on mileage groups and weight brackets. Table 4 shows the results of the MCAs.

Table 4 shows the depots ranked in descending order based on the adjusted mean deviation. The deviations are shown in positive and negative numbers which indicates the direction of the deviation from the grand mean. When the mean is greater than the grand mean the deviation is positive and when the mean is less than the grand mean the deviation is negative.

The interpretation of Table 4 should be based on the adjusted mean deviation which considers the mean rate per cwt per mile adjusted for both mileage groups and weight brackets. If the interpretation is based on the unadjusted deviation the results would be misleading. For example, the results of the MCA for TL shipments as defined by the defense depots show that DDMP has the largest positive unadjusted deviation of 0.0051. DDMP's adjusted deviation is -0.0004 which is one of the lowest adjusted deviations. The reason for this difference is apparent from Appendix C, pages C-18 through C-20. The majority of DDMP shipments are in the lower mileage groups which have the highest rates per cwt per mile. When the deviation is adjusted for weight brackets and mileage groups then DDMP adjusted deviation drops to -0.0004. Therefore, the results will be explained in terms of the adjusted deviations.

DDRV tends to have a high rate for depot defined TL shipments and shipments over 10000 pounds and lower than average for shipments that are under 10000 pounds and depot defined LTL shipments. This indicates that there is an inconsistent relationship between TL and LTL rates for all defense depots. It would be expected that if TL rates were high, then LTL rates would be high for the same depot which is not always the case.

DDCO also tends to have a high rate for depot defined TL and shipments over 10000 pounds. This result was unexpected because it indicates that the geographical differences in motor carrier rate bureaus do not exist for TL GTP traffic. If there was a geographical difference in TL GTP rates, then it would be expected that DDMP would have higher rates than DDCO.

DDTC was expected to have higher mean rates than the results show. One explanation for this is that the analysis did not include intrastate shipments. The elimination of intrastate rates can decrease the number of low mileage shipments which in turn tends to produce lower rates on a per mile basis. Another factor which can explain the reason for DDTC's lower mean rate is that the rates from DDTC may reflect backhaul rates from the west coast area to the east coast. Backhaul rates are lower than regular rates because a carrier will charge a lower rate to cover the cost of returning his equipment to his base territory (i.e., fuel costs and driver costs only).

TABLE 4
MULTIPLE CLASSIFICATION ANALYSIS RESULTS

LTL Shipments as defined by the defense depots (see Table 3)
 GRAND MEAN = 0.1275

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	39633	0.0097	0.0560
DDMP	75976	0.0558	-0.0007
DDTC	29276	-0.0694	-0.0077
DDRV	36893	0.0012	-0.0087
DDMT	88855	-0.0240	-0.0120
DDCO	26201	-0.0194	-0.0212

TL Shipments as defined by the defense depots (see Table 3)
 GRAND MEAN = 0.0075

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDRV	4041	0.0009	0.0007
DDTC	772	-0.0031	0.0007
DDCO	494	-0.0016	0.0005
DDMT	5546	-0.0019	-0.0001
DDMP	2737	0.0051	-0.0004
DDOU	2427	-0.0016	-0.0009

Weight break point area for LTL and TL shipments (10000 pounds
 to 25000 pounds)

GRAND MEAN = 0.0099

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDCO	869	0.0001	0.0013
DDRV	2008	0.0006	0.0006
DDMT	3318	-0.0013	0.0000
DDTC	676	-0.0025	-0.0004
DDOU	1412	-0.0024	-0.0006
DDMP	1783	0.0045	-0.0008

All shipments
 GRAND MEAN = 0.1228

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	42060	0.0082	0.0536
DDMP	78713	0.0560	-0.0014
DDTC	30048	-0.0646	-0.0068
DDRV	40934	-0.0046	-0.0097
DDMT	94401	-0.0236	-0.0107
DDCO	26695	-0.0151	-0.0198

TABLE 4 CONTINUED

Shipments under 10,000 pounds
GRAND MEAN = 0.1301

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	39633	0.0086	0.0561
DDMP	75976	0.0547	-0.0010
DDTC	28600	-0.0693	-0.0080
DDRV	36896	0.0001	-0.0089
DDMT	87471	-0.0236	-0.0120
DDCO	25524	-0.0179	-0.0212

Shipments over 10,000 pounds
GRAND MEAN = 0.0079

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDCO	1171	0.0009	0.0090
DDRV	4041	0.0005	0.0070
DDTC	1448	-0.0020	-0.0000
DDMT	6930	-0.0013	-0.0002
DDMP	2737	0.0048	-0.0005
DDOU	2427	-0.0020	-0.0007

The results indicate that DDOU tends to have the highest rates for depot defined LTL shipments, shipments under 10000 pounds and all shipments. This result was expected due to the geographical location of DDOU. DDOU has the lowest rates for depot defined TL and shipments over 10000 pounds. This was initially unexpected. The reason for the low rates may be explained by backhaul rates.

DDMP tends to have a high mean rate per cwt per mile for depot defined LTL, all shipments, and shipments under 10,000 pounds. The majority of DDMP shipments tend to be in the lower weight brackets and the lower mileage groups which will cause a higher mean rate. DDMP also tends to ship in the Middle Atlantic Conference and the New England Motor Rate Bureau areas which tend to have the highest rates of the rate bureaus.

DDMT tends to have a low mean rate per cwt per mile (lower than the mean rate). This may indicate that the GTP for both TL and LTL traffic is meeting its objective to decrease motor carrier transportation rates.

DDCO mean rates tend to vary between LTL and TL traffic. DDCO tends to have the lowest mean rate for LTL traffic, one of the highest mean rates for TL traffic, and the lowest mean rate for all shipments. The reason for this is the low number of TL shipments (26201 LTL shipments vs. 494 TL shipments).

General observations of the results indicate that a majority of motor carrier shipments from the defense depots are LTL. The weight brackets of 0 to 499 pounds tend to contain the majority of the LTL traffic. The LTL shipments have a great impact on the mean rate per cwt per mile for all depot shipments. The grand mean for all shipments is 0.1228, 0.1301 for

LTL (shipments under 10000 lbs), and 0.0079 for TL (shipments over 10000 lbs). This indicates that the LTL rate per cwt per mile strongly influences the overall rate per cwt per mile for all the depots. This is expected because the overwhelming majority of the shipments are LTL for each depot. The differences in the mean rate per cwt per mile for each depot are relatively small (i.e., from under six cents to under one cent) yet these differences are statistically significant. The results did not show strong geographical rate differences. The reason for this is that all of the defense depots have interregional shipments which would tend to decrease the impact of the differences in the general operational characteristics of the geographical areas.

D. LTL GTP versus LTL NON-GTP

The purpose of GTP for LTL traffic is to reduce transit times, transportation costs, and administrative handling on an individual defense depot basis. Several studies analyzing GTP indicate that GTP does reduce the transit times and transportation rate on a per defense depot basis. When a rate is reduced then the rate per cwt per mile will also be reduced. DDRV has not implemented the LTL GTP, thus it was expected that DDRV's LTL mean rates per cwt per mile would be higher than the other defense depots. The above analysis does not support this assumption because all shipments were analyzed.

The initial analysis showed that the majority of the shipments are LTL and under 500 pounds therefore additional analysis was conducted to compare LTL GTP versus LTL non-GTP mean rates per cwt per mile. Shipments under 200 pounds were excluded from the additional analyses. The weight of 200 pounds was selected because the GTPs agreements establishes a minimum charge on the basis of a minimum shipment weight of 200 pounds.

The additional analyses were conducted in the following categories: defense depot defined LTL shipments; LTL shipments under 10000 pounds; and all shipments. The ANOVA test results rejected the null hypothesis (the mean rates per cwt per mile are equivalent for each defense depot) for each category; therefore, the alternative hypothesis was accepted (the mean rates per cwt per mile for each defense depot are statistically different). The test statistic, which indicates whether to accept or reject the null hypothesis, was reduced for each ANOVA test category. This indicates that by eliminating shipments under 200 pounds some variability in the mean rates per cwt per mile was eliminated.

The MCA results are shown in Table 5. These results are interesting for three reasons. First, the ranking of the depots are the same in each of the categories. Second, DDOU and DDRV are the two defense depots with the highest mean rates per cwt per mile. The differences between DDOU and DDRV adjusted deviations of mean rates per cwt per mile are at least twice the mean rate per cwt per mile of the third ranked defense depot. Third, the grand means decrease by at least .0991.

The results show that DDOU mean rates per cwt per mile are the highest. This is expected due to the geographical location of DDOU. DDOU and DDRV adjusted mean rates per cwt per mile are out of line when compared with the other defense depots. DDMT, DDCO, DDTC and DDMP's LTL GTP appears to be

working properly. DDMF has an extremely low mean rate per cwt per mile which indicates that their LTL GTP is excellent. DDRV mean rates are the second highest for each of the above categories. This was expected since DDRV has not implemented GTP for LTL traffic.

TABLE 5
MCA RESULTS FOR LTL SHIPMENTS OVER 200 POUNDS

LTL Shipments as defined by the defense depots (see Table 3)
GRAND MEAN = 0.0254

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	19850	-0.0053	0.0023
DDRV	23574	0.0055	0.0020
DDMT	44602	-0.0018	0.0007
DDCO	13890	-0.0002	0.0005
DDTC	17918	-0.0094	0.0004
DDMP	36776	0.0060	-0.0038

LTL Shipments under 10000 pounds
GRAND MEAN = 0.0257

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	19850	-0.0056	0.0024
DDRV	23574	0.0052	0.0020
DDMT	43218	-0.0016	0.0008
DDCO	13213	0.0060	0.0005
DDTC	17242	-0.0093	0.0004
DDMP	36776	0.0058	-0.0038

All shipments
GRAND MEAN = 0.0237

DEPOT	OBSERVATIONS	UNADJUSTED DEVIATION	ADJUSTED DEVIATION
DDOU	22277	-0.0052	0.0022
DDRV	27615	0.0038	0.0016
DDMT	50148	-0.0021	0.0008
DDCO	14384	0.0011	0.0007
DDTC	18690	-0.0082	0.0004
DDMP	39513	0.0064	-0.0038

IV. CONCLUSION

The results of this analysis show that the mean rates per cwt per mile for all the defense depots are not equivalent. The ANOVA test used for each of the nine areas under consideration resulted in significant rejection of the null hypothesis. The largest absolute deviations from the grand means occurred for LTL traffic. This indicates that greater savings can probably be achieved with GTP for LTL traffic. Since the largest percentage of shipments are LTL, more cost savings attention to LTL traffic should be given.

The minimum charges that are established by the LTL GTP agreements are based on the minimum weight of 200 pounds. The effect of the minimum charges become apparent when shipments under 200 pounds are eliminated from the analyses. The ranking of the defense depots changes and the grand mean is reduced. DDRV had a below average mean rate per cwt per mile when all shipments were analyzed. However, when shipments over 200 pounds were analyzed, DDRV's mean rates per cwt per mile jumped up to the second highest. This shows that the minimum charge for LTL GTP can have an adverse effect on mean rates per cwt per mile.

The results also show that closer attention should be paid to the minimum charges during the negotiation of GTPs. High minimum charges affect the low mileage group rates and this effect is shown in the figures for all weight brackets. Lower minimum charges would reduce the rate per cwt per mile for the lower mileage groups, which in turn will reduce the mean rate per cwt per mile for LTL shipments. This could result in a more cost effective GTP.

The results also show that each defense depot is unique in its shipment patterns. DDTC and DDOU mean rates appear to be influenced by backhaul rates, DDMP mean rates appear to be influenced by its short distance shipments and rate bureau territory. Each defense depot's mean rate is influenced by the type of commodity shipped. This uniqueness of each defense depot increases the difficulty of comparing the mean rate per cwt per mile across the defense depots.

V. RECOMMENDATIONS

1. Address the logic and structure of the LTL GTPs rates. The adverse effects of minimum charges makes the LTL GTP less cost effective than it might be.
2. Initiate the following studies to investigate in more detail the effects of minimum charges:
 - a. the optimal break point for LTL minimum charges; and
 - b. the actual levels of all minimum charges for both LTL GTP and TL GTP and their effects on transportation costs by weight and mileage brackets.
3. Implement LTL GTP for ALL defense depots.

Appendix A

DLA Defense Depot Rate Data

Appendix A
DLA Defense Depot Rate Data

The rates provided in this appendix are listed by DLA defense depot according to weight brackets and mileage groups. These rates are the mean rate per cwt per mile.

DEFENSE DEPOT TRACY CA - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100				0.03307		
100 to 150	0.15154	0.05236	0.04877	0.03778	0.02290	0.01527
150 to 200	0.13800	0.05182	0.04173	0.02892	0.01734	0.01256
200 to 300						
300 to 400	0.06576	0.03356	0.02799	0.02535	0.01943	0.01567
400 to 550	0.04141	0.01865	0.01589	0.01377	0.01103	0.00896
550 to 700	0.04012	0.03618	0.02162	0.01601	0.00908	0.00778
700 to 850	0.03332	0.01640	0.01382	0.01262	0.00967	0.00971
850 to 1000	0.02733	0.01637	0.01212	0.01068	0.00976	0.00771
1000 to 1200	0.03117	0.01416	0.01619	0.01026	0.01156	0.00683
1200 to 1400	0.02563	0.01424	0.00966	0.00824	0.00805	0.00760
1400 to 1600	0.01970	0.01182	0.00938	0.00854	0.00773	0.00572
1600 to 1800	0.01843	0.01203	0.00903	0.00859	0.00720	0.00575
1800 to 2200	0.02025	0.01159	0.01058	0.00789	0.00671	0.00609
2200 to 2600	0.01865	0.01027	0.00774	0.00644	0.00615	0.00537
2600 to 3000	0.01700	0.00906	0.00760	0.00625	0.00529	0.00509
3000 and over						

Mileage	Weight					
	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100				0.00859		
100 to 150						
150 to 200	0.01325	0.01051	0.02346			
200 to 300						
300 to 400	0.01141	0.00809	0.00765	0.00653	0.00628	0.00617
400 to 550	0.00875	0.00906	0.00739	0.00668	0.00529	0.00690
550 to 700	0.00691	0.00570	0.00483	0.00483	0.00445	0.00421
700 to 850	0.00848	0.00654	0.00540	0.00513	0.00488	0.00463
850 to 1000	0.00748			0.00729		
1000 to 1200						
1200 to 1400	0.00476	0.00462	0.00663	0.00335	0.00484	
1400 to 1600	0.00627	0.00518	0.00512	0.00333	0.00316	0.00351
1600 to 1800	0.00609	0.00486				
1800 to 2200	0.00474	0.00362	0.00329	0.00287	0.00296	0.00274
2200 to 2600	0.00459	0.00407	0.00326	0.00294	0.00286	0.00304
2600 to 3000		0.00504				
3000 and over						

DEFENSE DEPOT OGDEN UT - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100	0.26613	0.08249	0.07827	0.06536		
100 to 150	0.18719	0.05775	0.04292	0.04429	0.04454	
150 to 200	0.25768	0.11414	0.05213			
200 to 300	0.14332	0.04338	0.03595	0.03033	0.03006	0.01554
300 to 400	0.09775	0.03512	0.02830	0.02648	0.01977	0.01301
400 to 550	0.06661	0.02369	0.02164	0.01821	0.01564	0.01153
550 to 700	0.05246	0.01697	0.01445	0.04418	0.01121	0.00871
700 to 850	0.04315	0.01679	0.01519	0.01259	0.01123	0.00834
850 to 1000	0.04087	0.01566	0.01354	0.01091	0.00966	0.00762
1000 to 1200	0.03390	0.01354	0.01126	0.01064	0.00867	0.00735
1200 to 1400	0.03502	0.01233	0.01071	0.01029	0.00795	0.00715
1400 to 1600	0.03022	0.01131	0.00991	0.00816	0.00709	0.00702
1600 to 1800	0.02623	0.01029	0.00904	0.00765	0.00775	0.00625
1800 to 2200	0.02548	0.01023	0.00850	0.00727	0.00661	0.00562
2200 to 2600	0.03754	0.00935	0.01655	0.01943		
2600 to 3000						
3000 and over						

Mileage	Weight					
	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100						
100 to 150						
150 to 200						
200 to 300	0.01099	0.01256	0.00514			
300 to 400	0.00596	0.00647				
400 to 550	0.00769	0.00527	0.00543	0.00418	0.00337	0.00340
550 to 700	0.00659	0.00516	0.00445	0.00375	0.00340	0.00311
700 to 850	0.00642	0.00658	0.00473	0.00582	0.00309	0.00334
850 to 1000	0.00626	0.00418	0.00362	0.00334		0.00291
1000 to 1200	0.00561	0.00485	0.00361		0.00243	0.00298
1200 to 1400	0.00515	0.00431		0.00315	0.00271	
1400 to 1600	0.00526	0.00472	0.00422	0.00310	0.00290	0.00379
1600 to 1800	0.00544	0.00429	0.00392	0.00531	0.00278	0.00255
1800 to 2200	0.00484	0.00426	0.00417	0.00303	0.00253	0.00183
2200 to 2600						
2600 to 3000						
3000 and over						

DEFENSE DEPOT MEMPHIS TN - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100	0.34113	0.09097	0.06715	0.06058	0.04892	0.04220
100 to 150	0.18973	0.05767	0.04691	0.03733	0.02462	0.01819
150 to 200	0.14322	0.04972	0.04152	0.03263	0.02590	0.01312
200 to 300	0.10480	0.03961	0.03195	0.02553	0.01917	0.01353
300 to 400	0.08003	0.03132	0.02538	0.02002	0.01509	0.01116
400 to 550	0.06273	0.02587	0.02108	0.01956	0.01319	0.00998
550 to 700	0.04930	0.02153	0.01724	0.01463	0.01082	0.00959
700 to 850	0.04353	0.02000	0.01648	0.01386	0.01085	0.00935
850 to 1000	0.03879	0.01904	0.01642	0.01367	0.01052	0.00864
1000 to 1200	0.03747	0.01926	0.01701	0.01329	0.01040	0.00969
1200 to 1400	0.02096	0.01170	0.01048	0.00942	0.00957	0.01049
1400 to 1600	0.01910	0.00969	0.00897	0.00805	0.00796	0.00845
1600 to 1800	0.01784	0.00804	0.00773	0.00715	0.00654	0.00636
1800 to 2200	0.01463	0.00741	0.00674	0.00653	0.00602	0.00662
2200 to 2600						
2600 to 3000						
3000 and over						

Mileage	Weight					
	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100	0.02947	0.02911	0.01846	0.02561		0.02123
100 to 150	0.01243	0.00987	0.00810	0.00967	0.00802	0.00723
150 to 200	0.01027	0.00767	0.00676	0.00591	0.00491	0.00476
200 to 300	0.00954	0.00789	0.00627	0.00571	0.00462	0.00459
300 to 400	0.00829	0.00711	0.00580	0.00540	0.00463	0.00373
400 to 550	0.00782	0.00673	0.00562	0.00533	0.00448	0.00379
550 to 700	0.00777	0.00606	0.00536	0.00480	0.00432	0.00342
700 to 850	0.00704	0.00593	0.00497	0.00440	0.00396	0.00349
850 to 1000	0.00701	0.00612	0.00503	0.00462	0.00398	0.00336
1000 to 1200	0.00772	0.00716	0.00526	0.00701	0.00352	0.00340
1200 to 1400	0.00788	0.00538		0.00426	0.00379	0.00317
1400 to 1600	0.00599	0.00532	0.00467	0.00442	0.00340	0.00393
1600 to 1800	0.00561	0.00497	0.00405	0.00364	0.00326	0.00334
1800 to 2200	0.00528	0.00539	0.00448	0.00670	0.00342	0.00338
2200 to 2600						
2600 to 3000						
3000 and over						

DEFENSE DEPOT COLUMBUS OH - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100	0.32488	0.07149	0.05378	0.04505	0.03294	0.03000
100 to 150	0.19354	0.06452	0.04161	0.03382	0.03145	
150 to 200	0.13429	0.04497	0.03522	0.02554	0.02433	0.01976
200 to 300	0.09160	0.03377	0.02673	0.02470	0.01666	0.01278
300 to 400	0.06442	0.03011	0.02910	0.02278	0.01572	0.01212
400 to 550	0.05287	0.02466	0.01898	0.01576	0.01419	0.01231
550 to 700	0.04111	0.01861	0.01525	0.01358	0.01056	0.01052
700 to 850	0.03814	0.02060	0.01842	0.01373	0.00970	0.00994
850 to 1000	0.03180	0.01464	0.01183	0.01035	0.01135	0.00726
1000 to 1200	0.02727	0.01149	0.01148	0.00932	0.00784	0.01053
1200 to 1400	0.02685	0.01129	0.01005	0.01022		0.00846
1400 to 1600	0.01731	0.00913	0.00774	0.00671	0.00788	
1600 to 1800	0.01797	0.00896	0.00787	0.00668	0.01198	
1800 to 2200	0.01576	0.00859	0.00738	0.00620	0.00637	0.00711
2200 to 2600						
2600 to 3000						
3000 and over						

Mileage	Weight					
	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100	0.03036	0.02300				0.01425
100 to 150	0.01837		0.01248			
150 to 200	0.00706	0.00938		0.00835		0.00551
200 to 300	0.01129	0.01123	0.00729			0.00774
300 to 400	0.00896	0.00722	0.00573	0.00498	0.00435	0.00749
400 to 550	0.00934	0.00716	0.00583	0.00604	0.00411	0.00368
550 to 700	0.00811	0.00641	0.00574	0.00638	0.00417	0.00416
700 to 850	0.00678	0.00648	0.00767		0.00547	0.00301
850 to 1000	0.01027	0.00618		0.00468		
1000 to 1200	0.00759	0.00518	0.00456	0.00410	0.00376	0.00309
1200 to 1400					0.00399	
1400 to 1600		0.00717	0.00613	0.00435		0.00419
1600 to 1800		0.00656				
1800 to 2200	0.00618	0.00501	0.00499	0.00451	0.00276	0.00269
2200 to 2600						
2600 to 3000						
3000 and over						

DEFENSE DEPOT MECHANICSBURG PA - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100	0.20957	0.08091	0.06753	0.05462	0.04000	0.02915
100 to 150	0.12619	0.04897	0.03935	0.02876	0.02447	0.01686
150 to 200	0.11681	0.04091	0.03303	0.02753	0.02205	0.01999
200 to 300	0.07974	0.03084	0.02458	0.02009	0.01519	0.01242
300 to 400	0.06580	0.02682	0.02087	0.01747	0.01589	0.00888
400 to 550	0.05065	0.02188	0.01714	0.01378	0.01071	0.00791
550 to 700	0.04017	0.01908	0.01519	0.01222	0.01287	0.01404
700 to 850	0.03477	0.01787	0.01455	0.01226	0.00947	0.00923
850 to 1000	0.03311	0.01593	0.01352	0.01119	0.00914	0.00913
1000 to 1200	0.03038	0.01319	0.01125	0.00951	0.00787	0.00594
1200 to 1400	0.03135	0.01244	0.01081	0.01024	0.00787	0.00653
1400 to 1600	0.02660	0.01142	0.00967	0.00834	0.00751	0.00706
1600 to 1800	0.02776	0.01163	0.00957	0.00865	0.00609	
1800 to 2200	0.02394	0.01031	0.00889	0.00702	0.00730	0.01054
2200 to 2600	0.02113	0.00968	0.00826	0.00729	0.00637	0.00590
2600 to 3000						
3000 and over						

Mileage	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100	0.02019	0.01565	0.01404	0.01303	0.01219	0.01555
100 to 150	0.01105	0.00967	0.00807	0.00854	0.00576	0.00764
150 to 200	0.01235	0.00992	0.01003	0.00859	0.00894	0.00861
200 to 300	0.00998	0.00832	0.00676	0.00664	0.00526	0.00562
300 to 400	0.00767	0.00658	0.00771	0.00433	0.00559	0.00428
400 to 550	0.00611	0.00526	0.00460	0.00426	0.00481	0.00370
550 to 700	0.00800	0.00519	0.00413	0.00365	0.00329	0.00355
700 to 850	0.00595	0.00458	0.00343	0.00332	0.00603	0.00342
850 to 1000	0.00573	0.00482		0.00182		0.00359
1000 to 1200		0.00427	0.00571	0.00379		0.00347
1200 to 1400	0.00588	0.00397		0.00848	0.00547	0.00369
1400 to 1600	0.00418	0.00428	0.00376	0.00456		0.00171
1600 to 1800						
1800 to 2200				0.00161		
2200 to 2600	0.00507	0.00392	0.00382	0.00393	0.00304	0.00287
2600 to 3000						
3000 and over						

DEFENSE DEPOT RICHMOND VA - MEAN RATES PER CWT PER MILE

Mileage	Weight					
	0 to 499	500 to 999	1000 to 1999	2000 to 4999	5000 to 9999	10000 to 14999
50 to 100	0.20113	0.08676	0.07129	0.08242	0.04605	0.03375
100 to 150	0.15176	0.05740	0.04454	0.03489	0.02596	0.02105
150 to 200	0.11345	0.05984	0.08229	0.03996	0.02602	0.01682
200 to 300	0.08759	0.03921	0.03040	0.02534	0.01867	0.01200
300 to 400	0.06852	0.03355	0.03150	0.02535	0.01649	0.01103
400 to 550	0.05126	0.02468	0.01922	0.01648	0.01329	0.01051
550 to 700	0.04046	0.02149	0.01754	0.01467	0.01227	0.00984
700 to 850	0.03422	0.01931	0.01590	0.01356	0.01106	0.00945
850 to 1000	0.03331	0.01744	0.01541	0.01261	0.01078	0.01366
1000 to 1200	0.02725	0.01514	0.01284	0.01120	0.00953	0.00915
1200 to 1400	0.02452	0.01461	0.01249	0.01089	0.00943	0.00844
1400 to 1600	0.02369	0.01482	0.01252	0.01056	0.00857	0.00906
1600 to 1800	0.02063	0.01315	0.01113	0.01041	0.00838	0.00743
1800 to 2200	0.02087	0.01120	0.00946	0.00850	0.00874	0.00917
2200 to 2600	0.01819	0.01051	0.00945	0.00802	0.00665	0.00681
2600 to 3000						
3000 and over						

Mileage	Weight					
	15000 to 19999	20000 to 24999	25000 to 29999	30000 to 34999	35000 to 39999	40000 and over
50 to 100	0.02193	0.01586	0.01407	0.01352		
100 to 150	0.01864	0.01240	0.01015	0.00961	0.00879	0.00791
150 to 200	0.01250	0.01190	0.01016	0.00842	0.00861	0.00836
200 to 300	0.01080	0.00851	0.00729	0.00636	0.00588	0.00582
300 to 400	0.00869	0.00784	0.00647	0.00577	0.00636	0.00545
400 to 550	0.00843	0.00700	0.00608	0.00550	0.00517	0.00472
550 to 700	0.00890	0.00737	0.00681	0.00582	0.00544	0.00438
700 to 850	0.00819	0.00675	0.00530	0.00525	0.00516	0.00548
850 to 1000	0.00764	0.00677	0.00672	0.00427	0.00736	0.00604
1000 to 1200	0.00766	0.00691	0.00599	0.00624	0.00374	0.00445
1200 to 1400	0.00794	0.00642	0.00671	0.00596	0.00728	0.00501
1400 to 1600	0.00738	0.00610				0.00630
1600 to 1800	0.00735	0.00479	0.01315	0.00446		
1800 to 2200	0.00712	0.00586	0.00581	0.00573	0.00573	0.00573
2200 to 2600	0.00627	0.00536	0.00539	0.00449	0.00456	0.00434
2600 to 3000						
3000 and over						

Appendix B

DLA Defense Depot Rate Comparisons

by Weight Brackets

Appendix B

DLA Defense Depot Rate Comparisons

By Weight Brackets

The rates provided in this appendix are mean rates per cwt per mile. These rates are listed by weight brackets according to defense depot and mileage group.

WEIGHT 0-499 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1		0.26613	0.34113	0.32488	0.20957	0.20113
100 to 150	2	0.15154	0.18719	0.18973	0.19354	0.12619	0.15176
150 to 200	3	0.13800	0.25768	0.14322	0.13429	0.11681	0.11345
200 to 300	4		0.14332	0.10480	0.09160	0.07974	0.08759
300 to 400	5	0.06576	0.09775	0.08003	0.06442	0.06580	0.06852
400 to 550	6	0.04141	0.06661	0.06273	0.05287	0.05065	0.05126
550 to 700	7	0.04012	0.05246	0.04930	0.04111	0.04017	0.04046
700 to 850	8	0.03332	0.04315	0.04353	0.03814	0.03477	0.03422
850 to 1000	9	0.02733	0.04087	0.03879	0.03180	0.03311	0.03331
1000 to 1200	10	0.03117	0.03390	0.03747	0.02727	0.03038	0.02725
1200 to 1400	11	0.02563	0.03502	0.02096	0.02605	0.03135	0.02452
1400 to 1600	12	0.01970	0.03022	0.01910	0.01731	0.02660	0.02369
1600 to 1800	13	0.01843	0.02623	0.01784	0.01797	0.02776	0.02063
1800 to 2200	14	0.02025	0.02548	0.01463	0.01576	0.02394	0.02087
2200 to 2600	15	0.01865	0.03754			0.02113	0.01819
2600 to 3000	16	0.01700					
3000 and over	17						

WEIGHT 500-999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1		0.08249	0.09097	0.07149	0.08091	0.08676
100 to 150	2	0.05236	0.05775	0.05767	0.06452	0.04897	0.05740
150 to 200	3	0.05182	0.11414	0.04972	0.04497	0.04091	0.05984
200 to 300	4		0.04338	0.03961	0.03377	0.03084	0.03921
300 to 400	5	0.03356	0.03512	0.03132	0.03011	0.02682	0.03355
400 to 550	6	0.01865	0.02369	0.02587	0.02466	0.02188	0.02468
550 to 700	7	0.03618	0.01697	0.02153	0.01861	0.01908	0.02149
700 to 850	8	0.01640	0.01679	0.02000	0.02060	0.01787	0.01931
850 to 1000	9	0.01637	0.01566	0.01904	0.01464	0.01593	0.01744
1000 to 1200	10	0.01416	0.01354	0.01926	0.01149	0.01319	0.01514
1200 to 1400	11	0.01424	0.01233	0.01170	0.01129	0.01244	0.01461
1400 to 1600	12	0.01182	0.01131	0.00969	0.00913	0.01142	0.01482
1600 to 1800	13	0.01203	0.01029	0.00804	0.00896	0.01163	0.01315
1800 to 2200	14	0.01159	0.01023	0.00741	0.00859	0.01031	0.01120
2200 to 2600	15	0.01027	0.00935			0.00988	0.01051
2600 to 3000	16	0.00906					
3000 and over	17						

WEIGHT 1000-1999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1		0.07827	0.06715	0.05378	0.06753	0.07129
100 to 150	2	0.04877	0.04292	0.04691	0.04161	0.03935	0.04454
150 to 200	3	0.04173	0.05213	0.04152	0.03522	0.03303	0.08229
200 to 300	4		0.03595	0.03195	0.02673	0.02458	0.03040
300 to 400	5	0.02799	0.02830	0.02538	0.02910	0.02087	0.03150
400 to 550	6	0.01589	0.02164	0.02108	0.01898	0.01714	0.01922
550 to 700	7	0.02162	0.01445	0.01724	0.01525	0.01519	0.01754
700 to 850	8	0.01382	0.01519	0.01648	0.01842	0.01455	0.01590
850 to 1000	9	0.01212	0.01354	0.01642	0.01183	0.01352	0.01541
1000 to 1200	10	0.01619	0.01126	0.01701	0.01148	0.01125	0.01284
1200 to 1400	11	0.00966	0.01071	0.01048	0.01005	0.01081	0.01249
1400 to 1600	12	0.00938	0.00991	0.00897	0.00774	0.00967	0.01252
1600 to 1800	13	0.00903	0.00904	0.00773	0.00787	0.00957	0.01113
1800 to 2200	14	0.01058	0.00850	0.00674	0.00738	0.00889	0.00946
2200 to 2600	15	0.00774	0.01655			0.00826	0.00945
2600 to 3000	16	0.00760					
3000 and over	17						

WEIGHT 2000-4999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1	0.03307	0.06556	0.06058	0.04505	0.05462	0.08242
100 to 150	2	0.03778	0.04429	0.03733	0.03382	0.02876	0.03489
150 to 200	3	0.02892		0.03263	0.02554	0.02753	0.03996
200 to 300	4		0.03033	0.02553	0.02470	0.02009	0.02534
300 to 400	5	0.02535	0.02648	0.02002	0.02278	0.01747	0.02535
400 to 550	6	0.01377	0.01821	0.01956	0.01576	0.01378	0.01648
550 to 700	7	0.01601	0.04418	0.01463	0.01358	0.01222	0.01467
700 to 850	8	0.01262	0.01259	0.01386	0.01373	0.01226	0.01356
850 to 1000	9	0.01068	0.01091	0.01367	0.01035	0.01119	0.01261
1000 to 1200	10	0.01026	0.01064	0.01329	0.00932	0.00951	0.01120
1200 to 1400	11	0.00824	0.01029	0.00942	0.01022	0.01024	0.01089
1400 to 1600	12	0.00854	0.00816	0.00805	0.00671	0.00834	0.01056
1600 to 1800	13	0.00859	0.00765	0.00715	0.00668	0.00865	0.01041
1800 to 2200	14	0.00789	0.00727	0.00653	0.00620	0.00702	0.00850
2200 to 2600	15	0.00644	0.01943			0.00729	0.00802
2600 to 3000	16	0.00625					
3000 and over	17						

WEIGHT 5000-9999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1			0.04892	0.03294	0.04000	0.04605
100 to 150	2	0.02290	0.04454	0.02462	0.03145	0.02447	0.02596
150 to 200	3	0.01734		0.02590	0.02433	0.02205	0.02602
200 to 300	4		0.03006	0.01917	0.01666	0.01519	0.01867
300 to 400	5	0.01943	0.01977	0.01509	0.01572	0.01589	0.01649
400 to 550	6	0.01103	0.01564	0.01319	0.01419	0.01071	0.01329
550 to 700	7	0.00908	0.01121	0.01082	0.01056	0.01287	0.01227
700 to 850	8	0.00967	0.01123	0.01085	0.00970	0.00947	0.01106
850 to 1000	9	0.00976	0.00966	0.01052	0.01135	0.00914	0.01078
1000 to 1200	10	0.01156	0.00867	0.01040	0.00784	0.00787	0.00953
1200 to 1400	11	0.00805	0.00795	0.00957		0.00787	0.00943
1400 to 1600	12	0.00773	0.00709	0.00796	0.00788	0.00751	0.00857
1600 to 1800	13	0.00720	0.00775	0.00654	0.01198	0.00609	0.00838
1800 to 2200	14	0.00671	0.00661	0.00602	0.00637	0.00730	0.00674
2200 to 2600	15	0.00615				0.00637	0.00665
2600 to 3000	16	0.00529					
3000 and over	17						

WEIGHT 10000-14999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1			0.04220	0.03000	0.02915	0.03375
100 to 150	2	0.01527		0.01819		0.01686	0.02105
150 to 200	3	0.01256		0.01312	0.01976	0.01999	0.01682
200 to 300	4		0.01554	0.01353	0.01278	0.01242	0.01200
300 to 400	5	0.01567	0.01301	0.01116	0.01212	0.00888	0.01103
400 to 550	6	0.00896	0.01153	0.00998	0.01231	0.00791	0.01051
550 to 700	7	0.00778	0.00871	0.00959	0.01052	0.01404	0.00984
700 to 850	8	0.00971	0.00834	0.00935	0.00994	0.00923	0.00945
850 to 1000	9	0.00771	0.00762	0.00864	0.00726	0.00913	0.01366
1000 to 1200	10	0.00683	0.00735	0.00969	0.01053	0.00594	0.00915
1200 to 1400	11	0.00760	0.00715	0.01049	0.00846	0.00653	0.00844
1400 to 1600	12	0.00572	0.00702	0.00845		0.00706	0.00906
1600 to 1800	13	0.00575	0.00625	0.00636			0.00743
1800 to 2200	14	0.00609	0.00562	0.00662	0.00711	0.01054	0.00917
2200 to 2600	15	0.00557				0.00590	0.00681
2600 to 3000	16	0.00509					
3000 and over	17						

WEIGHT 15000-19999 LBS - MEAN RATES PER CWT PER MILE

Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100			0.02947	0.03036	0.02019	0.02193
100 to 150			0.01243	0.01837	0.01105	0.01864
150 to 200	1	0.01325	0.01027	0.00706	0.01235	0.01250
200 to 300	2	0.01099	0.00954	0.01129	0.00998	0.01080
300 to 400	3	0.00829	0.00659	0.00896	0.00767	0.00869
400 to 550	4	0.00769	0.00782	0.00934	0.00611	0.00843
550 to 700	5	0.00691	0.00777	0.00811	0.00800	0.00890
700 to 850	6	0.00642	0.00704	0.00678	0.00595	0.00819
850 to 1000	7	0.00626	0.00701	0.01027	0.00573	0.00764
1000 to 1200	8	0.00561	0.00772	0.00759		0.00766
1200 to 1400	9	0.00476	0.00515	0.00788	0.00588	0.00794
1400 to 1600	10	0.00627	0.00526	0.00599	0.00418	0.00738
1600 to 1800	11	0.00609	0.00544	0.00561		0.00735
1800 to 2200	12	0.00474	0.00484	0.00528	0.00618	0.00712
2200 to 2600	13	0.00459				0.00507
2600 to 3000	14					0.00627
3000 and over	15					

WEIGHT 20000-24999 - MEAN RATES PER CWT PER MILE

Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100			0.02911	0.02300	0.01565	0.01586
100 to 150			0.00987		0.00967	0.01240
150 to 200	1	0.01051	0.00767	0.00938	0.00992	0.01190
200 to 300	2	0.01256	0.00789	0.01123	0.00832	0.00851
300 to 400	3	0.00809	0.00647	0.00722	0.00658	0.00784
400 to 550	4	0.00906	0.00527	0.00673	0.00716	0.00700
550 to 700	5	0.00570	0.00516	0.00606	0.00641	0.00737
700 to 850	6	0.00654	0.00658	0.00593	0.00648	0.00675
850 to 1000	7	0.00418	0.00612	0.00618	0.00482	0.00677
1000 to 1200	8	0.00485	0.00716	0.00518	0.00427	0.00691
1200 to 1400	9	0.00431	0.00538		0.00397	0.00642
1400 to 1600	10	0.00518	0.00472	0.00532	0.00428	0.00610
1600 to 1800	11	0.00486	0.00429	0.00497	0.00656	0.00479
1800 to 2200	12	0.00362	0.00426	0.00539	0.00501	0.00586
2200 to 2600	13	0.00407			0.00392	0.00536
2600 to 3000	14	0.00504				
3000 and over	15					

WEIGHT 25000-29999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1			0.01846		0.01404	0.01407
100 to 150	2			0.00810	0.01248	0.00807	0.01015
150 to 200	3	0.02346		0.00676		0.01003	0.01016
200 to 300	4		0.00514	0.00627	0.00729	0.00676	0.00729
300 to 400	5	0.00765		0.00580	0.00573	0.00776	0.00647
400 to 550	6	0.00739	0.00543	0.00562	0.00583	0.00460	0.00608
550 to 700	7	0.00483	0.00445	0.00536	0.00574	0.00413	0.00681
700 to 850	8	0.00540	0.00473	0.00497	0.00767	0.00343	0.00530
850 to 1000	9		0.00362	0.00503			0.00672
1000 to 1200	10		0.00361	0.00526	0.00456	0.00571	0.00599
1200 to 1400	11	0.00663					0.00671
1400 to 1600	12	0.00512	0.00422	0.00467	0.00613	0.00376	
1600 to 1800	13		0.00392	0.00405			0.01315
1800 to 2200	14	0.00329	0.00417	0.00448	0.00499		0.00581
2200 to 2600	15	0.00326				0.00382	0.00539
2600 to 3000	16						
3000 and over	17						

WEIGHT 30000-34999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCO	DDMP	DDRV
50 to 100	1	0.00859		0.02561		0.01303	0.01352
100 to 150	2			0.00967		0.00854	0.00961
150 to 200	3			0.00591	0.00835	0.00859	0.00842
200 to 300	4			0.00571		0.00664	0.00636
300 to 400	5	0.00653		0.00540	0.00498	0.00433	0.00577
400 to 550	6	0.00668	0.00418	0.00533	0.00604	0.00426	0.00550
550 to 700	7	0.00483	0.00375	0.00480	0.00638	0.00365	0.00582
700 to 850	8	0.00513	0.00582	0.00440		0.00332	0.00525
850 to 1000	9	0.00729	0.00334	0.00462	0.00468	0.00182	0.00427
1000 to 1200	10			0.00701	0.00410	0.00379	0.00624
1200 to 1400	11	0.00335	0.00315	0.00426		0.00848	0.00596
1400 to 1600	12	0.00333	0.00310	0.00442	0.00435	0.00456	
1600 to 1800	13		0.00531	0.00364			0.00446
1800 to 2200	14	0.00287	0.00303	0.00670	0.00451	0.00161	0.00573
2200 to 2600	15	0.00294				0.00393	0.00449
2600 to 3000	16						
3000 and over	17						

WEIGHT 35000-39999 LBS - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCD	DDMP	DDRV
50 to 100	1					0.01219	
100 to 150	2			0.00802		0.00576	0.00879
150 to 200	3			0.00491		0.00894	0.00861
200 to 300	4			0.00462		0.00526	0.00588
300 to 400	5	0.00628		0.00463	0.00435	0.00559	0.00636
400 to 550	6	0.00529	0.00337	0.00448	0.00411	0.00481	0.00517
550 to 700	7	0.00445	0.00340	0.00432	0.00417	0.00329	0.00544
700 to 850	8	0.00488	0.00309	0.00396	0.00547	0.00603	0.00516
850 to 1000	9			0.00398			0.00736
1000 to 1200	10		0.00243	0.00352	0.00376		0.00374
1200 to 1400	11	0.00484	0.00271	0.00379	0.00399	0.00547	0.00728
1400 to 1600	12	0.00316	0.00290	0.00340			
1600 to 1800	13		0.00278	0.00326			
1800 to 2200	14	0.00296	0.00253	0.00342	0.00276		0.00573
2200 to 2600	15	0.00286				0.00304	0.00456
2600 to 3000	16						
3000 and over	17						

WEIGHT 40000 LBS AND OVER - MEAN RATES PER CWT PER MILE

Mileage	Mileage Group	DDTC	DDOU	DDMT	DDCD	DDMP	DDRV
50 to 100	1			0.02123	0.01425	0.01555	
100 to 150	2			0.00723		0.00764	0.00791
150 to 200	3			0.00476	0.00551	0.00861	0.00836
200 to 300	4			0.00459	0.00774	0.00562	0.00582
300 to 400	5	0.00617		0.00373	0.00749	0.00428	0.00545
400 to 550	6	0.00690	0.00340	0.00379	0.00368	0.00370	0.00472
550 to 700	7	0.00421	0.00311	0.00342	0.00416	0.00355	0.00438
700 to 850	8	0.00463	0.00334	0.00349	0.00301	0.00342	0.00548
850 to 1000	9		0.00291	0.00336		0.00359	0.00604
1000 to 1200	10		0.00298	0.00340	0.00309	0.00347	0.00445
1200 to 1400	11			0.00317		0.00369	0.00501
1400 to 1600	12	0.00351	0.00379	0.00393	0.00419	0.00171	0.00630
1600 to 1800	13		0.00255	0.00334			
1800 to 2200	14	0.00274	0.00183	0.00338	0.00269		0.00573
2200 to 2600	15	0.00304				0.00287	0.00434
2600 to 3000	16						
3000 and over	17						

Appendix C

DLA Defense Depot Cost Analysis

(Mean Rates Per Cwt Per Mile)

Appendix C

DLA Defense Depot Cost Analysis

(Mean Rates Per Cwt Per Mile)

This appendix lists the number of shipments, average weight, average transportation charges, average transportation miles, and the average rate per mile per cwt by weight category and mileage bracket for each DLA defense depot.

MOTOR CARRIER COST ANALYSIS
DOTC

WEIGHT CATEGORY	MILEAGES	SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
O TO 499						
0 TO 50	0 TO 50	2	131	30.47	44	.53884
100 TO 150	100 TO 150	34	164	32.77	132	.15154
150 TO 200	150 TO 200	296	156	35.03	162	.13800
300 TO 400	300 TO 400	202	208	49.80	363	.08576
400 TO 550	400 TO 550	1077	184	39.01	513	.04141
550 TO 700	550 TO 700	2744	182	47.31	647	.04012
700 TO 850	700 TO 850	1215	186	47.05	760	.03332
850 TO 1000	850 TO 1000	894	199	49.70	915	.02733
1000 TO 1200	1000 TO 1200	249	168	56.38	1076	.03117
1200 TO 1400	1200 TO 1400	1098	183	62.22	1327	.02963
1400 TO 1600	1400 TO 1600	1329	191	55.58	1477	.01970
1600 TO 1800	1600 TO 1800	959	191	59.19	1685	.01813
1800 TO 2200	1800 TO 2200	2549	188	75.97	2000	.02025
2200 TO 2600	2200 TO 2600	5241	184	83.86	2443	.01865
2600 TO 3000	2600 TO 3000	770	167	76.15	2683	.01700
NO. OF SHIPMENTS						
C-2						
500 TO 999						
100 TO 150	100 TO 150	5	719	49.32	131	.05236
150 TO 200	150 TO 200	38	727	62.48	166	.05182
300 TO 400	300 TO 400	54	712	86.54	362	.03356
400 TO 550	400 TO 550	260	710	68.09	514	.01865
550 TO 700	550 TO 700	759	740	171.51	641	.03618
700 TO 850	700 TO 850	226	694	85.29	749	.01640
850 TO 1000	850 TO 1000	282	716	107.40	916	.01637
1000 TO 1200	1000 TO 1200	48	690	104.15	1066	.01416
1200 TO 1400	1200 TO 1400	245	709	134.27	1330	.01424
1400 TO 1600	1400 TO 1600	318	685	118.54	1464	.01182
1600 TO 1800	1600 TO 1800	184	700	141.72	1682	.01203
1800 TO 2200	1800 TO 2200	484	696	162.78	2017	.01159
2200 TO 2600	2200 TO 2600	1087	690	172.73	2436	.01027
2600 TO 3000	2600 TO 3000	131	699	170.11	2686	.00906
NO. OF SHIPMENTS						
4181						
1000 TO 1999						
100 TO 150	100 TO 150	2	1458	93.15	131	.04877
150 TO 200	150 TO 200	24	1450	104.57	173	.04173
300 TO 400	300 TO 400	73	1424	143.20	359	.02799
400 TO 550	400 TO 550	182	1386	111.51	506	.01589
550 TO 700	550 TO 700	540	1420	195.41	637	.02162
700 TO 850	700 TO 850	181	1390	144.56	753	.01382
850 TO 1000	850 TO 1000	207	1441	160.44	919	.01212
1000 TO 1200	1000 TO 1200	24	1409	245.71	1077	.01619
1200 TO 1400	1200 TO 1400	114	1359	173.07	1319	.00966
1400 TO 1600	1400 TO 1600	192	1336	182.41	1456	.00938
1600 TO 1800	1600 TO 1800	99	1213	197.41	1685	.01058
1800 TO 2200	1800 TO 2200	362	1298	276.60	2014	.00774
2200 TO 2600	2200 TO 2600	742	1366	257.60	2436	.00760
2600 TO 3000	2600 TO 3000	60	1307	266.82	2688	.00903
NO. OF SHIPMENTS						

MOTOR CARRIER COST ANALYSIS
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WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
2000 TO 4999	0 TO 50	1	4590	82.50	36	.04993
	50 TO 100	1	3098	63.51	62	.03307
	100 TO 150	1	2571	127.26	131	.03778
	150 TO 200	8	2837	145.11	177	.02892
	300 TO 400	60	2755	252.26	361	.02535
	400 TO 550	108	2863	202.99	515	.01377
	550 TO 700	452	2926	299.35	639	.01601
	700 TO 850	140	2966	277.85	742	.01262
	850 TO 1000	157	2881	282.89	920	.01068
	1000 TO 1200	13	2579	281.21	1063	.01026
	1200 TO 1400	68	2780	305.67	1335	.00824
	1400 TO 1600	174	2893	357.89	1448	.00854
	1600 TO 1800	46	2876	411.83	1666	.00859
	1800 TO 2200	257	2838	455.26	2033	.00789
	2200 TO 2600	590	2987	468.12	2433	.00644
	2600 TO 3000	39	2779	464.27	2674	.00625
NO. OF SHIPMENTS		2115				
5000 TO 9999	0 TO 50	1	8107	161.12	49	.04056
	100 TO 150	1	5575	167.25	131	.02290
	150 TO 200	6	6377	191.31	173	.01734
	300 TO 400	43	5835	404.05	356	.01943
	400 TO 550	73	6171	347.38	510	.01103
	550 TO 700	223	6269	359.10	631	.00308
	700 TO 850	60	6203	444.57	741	.00967
	850 TO 1000	65	6403	573.70	918	.00976
	1000 TO 1200	3	6771	816.60	1043	.01156
	1200 TO 1400	23	6127	656.42	1331	.00805
	1400 TO 1600	43	6088	682.84	1451	.00773
	1600 TO 1800	12	6553	776.14	1644	.00720
	1800 TO 2200	65	6287	868.28	2059	.00671
	2200 TO 2600	223	6625	992.03	2436	.00615
	2600 TO 3000	2	5568	793.68	2695	.00529
NO. OF SHIPMENTS		843				
10000 TO 14999	100 TO 150	1	13350	267.00	131	.01527
	150 TO 200	8	12359	247.17	159	.01256
	300 TO 400	11	11789	646.43	350	.01567
	400 TO 550	25	11393	569.50	499	.00896
	550 TO 700	133	11810	598.89	652	.00778
	700 TO 850	26	11550	844.05	753	.00971
	850 TO 1000	30	11243	791.36	913	.00771
	1000 TO 1200	2	11819	962.02	1192	.00683
	1200 TO 1400	8	12972	1325.41	1344	.00780
	1400 TO 1600	19	11010	918.92	1459	.00572
	1600 TO 1800	6	12919	1245.14	1675	.00575
	1800 TO 2200	16	11676	1454.60	2047	.00609
	2200 TO 2600	100	12143	1652.84	2446	.00557
	2600 TO 3000	2	11340	1549.97	1549	.00509

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MOTOR CARRIER COST ANALYSIS
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WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
15000 TO 19999	0 TO 50	387	16040	1841.84	47	.24431
	150 TO 200	1	16755	335.10	151	.01325
	300 TO 400	1	17554	701.14	350	.01141
	400 TO 550	11	16705	714.96	489	.00875
	550 TO 700	6	17123	793.29	670	.00691
	700 TO 850	69	17233	1130.94	774	.00848
	850 TO 1000	21	16190	1093.09	903	.00748
	1200 TO 1400	7	15068	964.35	1344	.00476
	1400 TO 1600	1	16358	1502.55	1465	.00627
	1600 TO 1800	3	16086	1658.41	1692	.00609
	1800 TO 2200	2	18454	1856.25	2124	.00474
	2200 TO 2600	10	17333	1932.55	2429	.00459
NO. OF SHIPMENTS						
20000 TO 24999	150 TO 200	173	23639	416.04	168	.01051
	300 TO 400	2	23647	700.00	366	.00809
	400 TO 550	1	20402	965.01	522	.00906
	550 TO 700	3	22336	853.56	671	.00570
	700 TO 850	57	21973	1064.28	740	.00654
	1200 TO 1400	17	20554	1274.26	1341	.00462
	1400 TO 1600	3	21927	1635.83	1440	.00518
	1600 TO 1800	6	20943	1695.96	1665	.00486
	1800 TO 2200	2	22796	1774.17	2151	.00362
	2200 TO 2600	22	22059	2198.59	2449	.00407
	2600 TO 3000	1	20000	2714.00	2695	.00504
NO. OF SHIPMENTS						
25000 TO 29999	150 TO 200	116	25000	1079.10	184	.02346
	300 TO 400	1	25000	700.00	366	.00765
	400 TO 550	2	27822	1021.30	497	.00739
	550 TO 700	6	26731	864.98	670	.00483
	700 TO 850	83	27181	1089.82	742	.00540
C-4	1200 TO 1400	20	28469	2483.32	1317	.00663
	1400 TO 1600	2	25424	1861.04	1430	.00512
	1800 TO 2200	1	26236	1808.80	2093	.00329
	2200 TO 2600	5	26970	2123.63	2414	.00326
NO. OF SHIPMENTS						
30000 TO 34999	50 TO 100	131	34000	181.00	62	.00889
	300 TO 400	1	32715	781.89	366	.00653
	400 TO 550	4	30972	1051.92	509	.00688
	550 TO 700	198	31199	992.25	658	.00483
	700 TO 850	15	31326	1214.41	755	.00513
	850 TO 1000	3	30517	2108.72	947	.00729
	1200 TO 1400	2	34000	1520.65	1337	.00335
	1400 TO 1600	8	33280	1655.27	1495	.00333

MOTOR CARRIER COST ANALYSIS

WEIGHT CATEGORY		MILEAGES		NO. SHIPMENTS		AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
1600 TO 2200	10	1600	2200	10	31529	1910.91	2113	.00287	
2200 TO 2600	23	2200	2600	23	31010	2215.18	2426	.00294	
NO. OF SHIPMENTS	265								
35000 TO 39999	300 TO 400	300	400	2	38323	880.43	366	.00628	
	400 TO 550	400	550	2	35062	928.46	501	.00529	
	550 TO 700	550	700	68	37845	1135.23	674	.00445	
	700 TO 850	700	850	6	37439	1316.72	720	.00486	
	1200 TO 1400	1200	1400	1	39440	2563.80	1344	.00484	
	1400 TO 1600	1400	1600	1	39878	1976.05	1566	.00316	
	1800 TO 2200	1800	2200	10	36455	2253.41	2088	.00296	
	2200 TO 2600	2200	2600	18	37617	2621.63	2440	.00286	
NO. OF SHIPMENTS	108								
40000 AND OVER	300 TO 400	300	400	4	40581	879.11	351	.00617	
	400 TO 550	400	550	2	40284	1450.20	522	.00690	
	550 TO 700	550	700	203	43511	1221.65	667	.00421	
	700 TO 850	700	850	6	43550	1512.85	750	.00463	
	1400 TO 1600	1400	1600	4	41586	2267.72	1555	.0051	
	1800 TO 2200	1800	2200	15	43444	2463.51	2070	.00274	
	2200 TO 2600	2200	2600	34	41636	3094.42	2441	.00304	
NO. OF SHIPMENTS	268								

MOTOR CARRIER COST ANALYSIS

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS		AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
		NO.	SHIPMENTS				
0 TO 499	50 TO 100	24	138	29.91	29.91	81	.26613
	100 TO 150	96	120	29.44	29.44	131	.18719
	150 TO 200	4	110	48.44	48.44	171	.25768
	200 TO 300	252	122	45.01	45.01	258	.14332
	300 TO 400	963	132	48.81	48.81	378	.09775
	400 TO 550	2563	151	49.63	49.63	493	.06661
	550 TO 700	6664	145	48.06	48.06	633	.05246
	700 TO 850	1932	136	46.85	46.85	796	.04315
	850 TO 1000	1596	127	47.37	47.37	915	.04087
	1000 TO 1200	2063	135	50.95	50.95	1115	.03390
	1200 TO 1400	1472	114	51.66	51.66	1291	.03502
	1400 TO 1600	1754	123	55.84	55.84	1501	.03022
	1600 TO 1800	1364	134	59.25	59.25	1691	.02623
	1800 TO 2200	5775	128	63.11	63.11	1941	.02548
	2200 TO 2600	43	93	77.14	77.14	2216	.03754
NO. OF SHIPMENTS		26565					
500 TO 999	50 TO 100	5	659	44.05	44.05	81	.08249
	100 TO 150	10	786	59.45	59.45	131	.05775
	150 TO 200	1	820	174.09	174.09	186	.11414
	200 TO 300	56	735	77.59	77.59	243	.04338
	300 TO 400	153	688	92.16	92.16	382	.03512
	400 TO 550	549	723	84.73	84.73	495	.02369
	550 TO 700	1302	718	76.93	76.93	631	.01697
	700 TO 850	371	718	95.93	95.93	796	.01679
	850 TO 1000	219	699	98.89	98.89	904	.01566
	1000 TO 1200	284	724	109.18	109.18	1113	.01254
	1200 TO 1400	174	693	110.75	110.75	1295	.01233
	1400 TO 1600	215	718	122.08	122.08	1503	.01131
	1600 TO 1800	216	694	120.21	120.21	1685	.01029
	1800 TO 2200	856	703	138.98	138.98	1934	.01023
	2200 TO 2600	2	755	157.59	157.59	2233	.00935

NO. OF SHIPMENTS

1000 TO 1999	50 TO 100	1	1020	64.67	64.67	81	.07827
	100 TO 150	3	1499	83.61	83.61	130	.04292
	150 TO 200	1	1132	91.47	91.47	155	.05213
	200 TO 300	31	1490	123.60	123.60	231	.03595
	300 TO 400	108	1383	148.73	148.73	380	.02830
	400 TO 550	522	1423	151.21	151.21	491	.02164
	550 TO 700	1236	1421	130.01	130.01	633	.01445
	700 TO 850	318	1413	170.01	170.01	792	.01519
	850 TO 1000	133	1398	170.64	170.64	901	.01354
	1000 TO 1200	200	1365	171.21	171.21	1114	.01126
	1200 TO 1400	70	1325	184.87	184.87	1302	.01071
	1400 TO 1600	118	1339	200.29	200.29	1510	.00991
	1600 TO 1800	128	1345	205.33	205.33	1689	.00904
	1800 TO 2200	537	1385	227.56	227.56	1933	.00855
	2200 TO 2600	2	1196	437.92	437.92	2213	.01555

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MOTOR CARRIER COST ANALYSIS
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WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
2000 TO 4999	50 TO 100	1	2413	128.13	81	.06556
	100 TO 150	3	2645	140.18	120	.04429
	200 TO 300	37	3028	209.36	228	.03033
	300 TO 400	83	3044	308.14	382	.02648
	400 TO 550	534	3080	273.64	488	.01821
	550 TO 700	1381	3183	891.10	634	.04418
	700 TO 850	394	3015	300.51	791	.01259
	850 TO 1000	99	3026	296.87	900	.01091
	1000 TO 1200	151	2971	351.10	1110	.01064
	1200 TO 1400	49	2739	370.28	1313	.01029
	1400 TO 1600	111	2774	338.88	1497	.00816
	1600 TO 1800	116	2796	360.36	1685	.00765
	1800 TO 2200	459	2919	409.56	1930	.00727
	2200 TO 2600	2	3523	1514.61	2213	.01943
NO. OF SHIPMENTS						
5000 TO 9999	100 TO 150	1	5000	289.50	130	.04454
	200 TO 300	24	6399	439.05	228	.03006
	300 TO 400	40	6771	516.94	386	.01977
	400 TO 550	321	6721	507.36	483	.01564
	550 TO 700	778	6816	488.44	639	.01121
	700 TO 850	249	6474	574.53	790	.01123
	850 TO 1000	43	6154	533.89	898	.00966
	1000 TO 1200	69	6246	603.59	1115	.00867
	1200 TO 1400	21	6352	661.52	1310	.00795
	1400 TO 1600	45	6245	661.70	1493	.00708
	1600 TO 1800	46	6400	835.93	1684	.00775
	1800 TO 2200	190	6506	827.30	1924	.00661
NO. OF SHIPMENTS						
10000 TO 14999	200 TO 300	8	11164	397.42	229	.01554
	300 TO 400	13	10858	525.57	372	.01301
	400 TO 550	135	11559	641.30	481	.01153
	550 TO 700	401	11708	657.32	645	.00871
	700 TO 850	59	10616	697.61	788	.00834
	850 TO 1000	10	11032	757.63	902	.00762
	1000 TO 1200	12	11506	939.85	1112	.00735
	1200 TO 1400	7	10859	1032.15	1328	.00715
	1400 TO 1600	7	11676	1231.01	1501	.00702
	1600 TO 1800	19	10996	1161.81	1691	.00625
	1800 TO 2200	65	11293	1230.25	1937	.00562
NO. OF SHIPMENTS						
15000 TO 19999	200 TO 300	1	19836	639.00	293	.01099
	300 TO 400	4	18419	436.59	398	.00596
	400 TO 550	87	17305	669.35	503	.00769
	550 TO 700	169	17497	740.86	643	.00659
NO. OF SHIPMENTS						
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MOTOR CARRIER COST ANALYSIS
DDOU

WEIGHT CATEGORY	MILEAGES	AVERAGE WEIGHT	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
700 TO 850	21	18488	940.53	792	.00642		
850 TO 1000	1	15040	848.00	901	.00626		
1000 TO 1200	7	17836	1117.79	1117	.00561		
1200 TO 1400	4	17137	1162.50	1317	.00515		
1400 TO 1600	9	17427	1381.55	1508	.00526		
1600 TO 1800	6	17587	1629.60	1702	.00544		
1800 TO 2200	25	17471	1631.21	1930	.00584		
NO. OF SHIPMENTS	334						
20000 TO 24999	200 TO 300	4	22652	833.30	.01256		
	300 TO 400	2	20583	531.40	.00647		
	400 TO 550	120	22679	622.61	.00527		
	550 TO 700	156	22531	733.50	.00516		
	700 TO 850	11	21370	1117.25	.00658		
	850 TO 1000	2	22220	836.63	.00418		
	1000 TO 1200	7	22563	1222.55	.00485		
	1200 TO 1400	5	22030	1223.01	.00431		
	1400 TO 1600	8	21497	1518.49	.00472		
	1600 TO 1800	4	21567	1568.49	.00429		
	1800 TO 2200	23	22944	1887.75	.00426		
NO. OF SHIPMENTS	342						
25000 TO 29999	200 TO 300	1	28539	322.80	.00514		
C-8	400 TO 550	43	26482	720.26	.00543		
	550 TO 700	85	27070	746.17	.00445		
	700 TO 850	20	26792	983.32	.00473		
	850 TO 1000	1	27662	903.00	.00362		
	1000 TO 1200	3	26144	1018.00	.00361		
	1400 TO 1600	2	25872	1621.96	.00422		
	1600 TO 1800	3	26680	1777.50	.00392		
	1800 TO 2200	9	28407	2270.88	.00417		
NO. OF SHIPMENTS	167						
30000 TO 34999	400 TO 550	32	32352	694.02	.00418		
	550 TO 700	94	32482	753.84	.00375		
	700 TO 850	9	31549	1421.86	.00582		
	850 TO 1000	1	32800	987.28	.00334		
	1200 TO 1400	2	34428	1444.50	.00315		
	1400 TO 1600	5	32428	1531.84	.00310		
	1600 TO 1800	1	32966	2970.24	.00531		
	1800 TO 2200	7	32802	1929.01	.00303		
NO. OF SHIPMENTS	151						
35000 TO 39999	400 TO 550	52	37503	662.56	.00337		
	550 TO 700	122	37469	787.62	.00340		
	700 TO 850	17	37267	935.62	.00309		
	1000 TO 1200	5	38070	995.49	.00243		
	1200 TO 1400	2	38400	1323.00	.00271		

MOTOR CARRIER COST ANALYSIS
DDOU

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
1400 TO 1600		1		36000	1551.44	.00290
1600 TO 1800		5		37516	1762.35	.00278
1800 TO 2200		13		36860	1797.97	.00253
NO. OF SHIPMENTS		217				
40000 AND OVER						
400 TO 500		113	44766	809.67	532	.00340
550 TO 700		326	44461	848.57	613	.00311
700 TO 850		9	44909	1175.52	784	.00334
850 TO 1000		4	43470	1138.68	901	.00291
1000 TO 1200		4	42468	1388.86	1097	.00298
1200 TO 1400		4	42331	2458.52	1531	.00379
1400 TO 1600		4	42419	1834.90	1698	.00255
1600 TO 1800		8				
1800 TO 2200		12	63805	2274.68	1950	.00183
NO. OF SHIPMENTS		480				

MOTOR CARRIER COST ANALYSIS
DOBT

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
0 TO 499	0 TO 50	44	141	35.86	42	.59929
	50 TO 100	260	143	34.32	70	.34113
	100 TO 150	1045	145	35.23	128	.18973
	150 TO 200	699	144	37.43	182	.14322
	200 TO 300	3994	149	39.19	251	.10480
	300 TO 400	6793	149	42.03	353	.08003
	400 TO 550	9983	148	43.31	467	.06273
	550 TO 700	9737	147	44.94	621	.04930
	700 TO 850	9036	147	49.43	772	.04353
	850 TO 1000	6538	147	52.40	917	.03879
	1000 TO 1200	2667	138	56.74	1101	.03747
	1200 TO 1400	2078	143	38.08	1269	.02086
	1400 TO 1600	2809	161	46.78	1520	.01910
	1600 TO 1800	2963	148	45.02	1710	.01784
	1800 TO 2200	2513	146	39.57	1858	.01463
NO. OF SHIPMENTS		61159				
500 TO 999	0 TO 50	5	804	40.48	41	.12397
	50 TO 100	44	674	40.02	65	.09097
	100 TO 150	182	702	51.60	127	.05767
	150 TO 200	107	695	63.11	183	.04972
	200 TO 300	725	711	71.26	253	.03961
	300 TO 400	1292	712	78.73	353	.03132
	400 TO 550	1694	704	84.74	465	.02587
	550 TO 700	1597	712	95.27	622	.02153
	700 TO 850	1490	711	109.12	767	.02000
	850 TO 1000	1188	712	124.21	916	.01904
	1000 TO 1200	376	691	146.39	1099	.01926
	1200 TO 1400	283	695	103.10	1266	.01170
	1400 TO 1600	510	710	104.68	1522	.00969
	1600 TO 1800	457	701	96.95	1720	.00804
	1800 TO 2200	362	712	97.87	1855	.00741
NO. OF SHIPMENTS		10312				
1000 TO 1999	0 TO 50	2	1621	67.22	42	.09877
	50 TO 100	30	1439	59.50	62	.06715
	100 TO 150	97	1433	85.50	127	.04691
	150 TO 200	75	1414	105.58	180	.04152
	200 TO 300	527	1408	113.05	251	.03195
	300 TO 400	1007	1391	125.35	355	.02538
	400 TO 550	1212	1392	135.21	461	.02108
	550 TO 700	1185	1397	150.24	624	.01724
	700 TO 850	1076	1386	175.20	767	.01648
	850 TO 1000	797	1385	208.20	916	.01642
	1000 TO 1200	205	1349	252.85	1101	.01701
	1200 TO 1400	215	1350	179.28	1266	.01048
	1400 TO 1600	341	1364	186.13	1521	.00897
	1600 TO 1800	274	1349	178.96	1716	.00773
	1800 TO 2200	252	1358	169.60	1854	.00674

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MOTOR CARRIER COST ANALYSIS
DOMT

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
NO. OF SHIPMENTS						
2000 TO 4999	0 TO 50	4	3100	97.55	42	.07493
	50 TO 100	26	3554	122.72	57	.06058
	100 TO 150	67	3173	151.93	128	.03733
	150 TO 200	53	2858	166.37	178	.03263
	200 TO 300	396	2973	190.53	251	.02553
	300 TO 400	691	2968	212.09	357	.02002
	400 TO 550	1047	2965	264.25	456	.01956
	550 TO 700	895	2880	262.49	623	.01463
	700 TO 850	779	2820	299.26	765	.01386
	850 TO 1000	626	2828	351.88	910	.01367
	1000 TO 1200	143	2659	392.11	1110	.01329
	1200 TO 1400	110	2936	350.12	1265	.00942
	1400 TO 1600	275	3090	380.16	1528	.00805
	1600 TO 1800	263	3080	382.48	1736	.00715
	1800 TO 2200	251	3173	383.96	1852	.00653
NO. OF SHIPMENTS						
5000 TO 9999	0 TO 50	1	9430	100.00	49	.02164
	50 TO 100	9	6680	186.26	57	.04892
	100 TO 150	25	6427	204.35	129	.02462
	150 TO 200	29	6972	317.28	176	.02590
C-111	200 TO 300	226	6532	318.53	254	.01917
	300 TO 400	408	6340	343.38	359	.01509
	400 TO 550	627	6383	383.74	456	.01319
	550 TO 700	516	6322	426.01	623	.01082
	700 TO 850	467	6322	523.50	763	.01085
	850 TO 1000	320	6528	625.47	911	.01052
	1000 TO 1200	40	6259	722.36	1110	.01040
	1200 TO 1400	33	6972	845.06	1267	.00957
	1400 TO 1600	102	6991	849.10	1527	.00796
	1600 TO 1800	150	6841	781.75	1747	.00654
	1800 TO 2200	126	6966	773.42	1843	.00602
NO. OF SHIPMENTS						
10000 TO 14999	50 TO 100	7	10310	247.97	57	.04220
	100 TO 150	23	11217	263.24	129	.01819
	150 TO 200	16	12392	290.79	179	.01312
	200 TO 300	124	11589	396.35	253	.01353
	300 TO 400	166	11904	474.42	357	.01116
	400 TO 550	342	11826	548.07	465	.00998
	550 TO 700	256	11923	713.78	625	.00959
	700 TO 850	192	11570	829.27	766	.00935
	850 TO 1000	125	11738	915.21	902	.00864
	1000 TO 1200	9	11694	1269.80	1121	.00969
	1200 TO 1400	12	12416	1661.62	1276	.01049
	1400 TO 1600	22	11834	1536.10	1536	.00845
	1600 TO 1800	54	11665	1299.49	1752	.00636
	1800 TO 2200	36	11539	1406.41	1842	.00662

MOTOR CARRIER COST ANALYSIS
DOWNTON

WEIGHT CATEGORY	MILEAGES	NO. OF SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
15000 TO 19999	50 TO 100	1384	5	16000	268.80	.02947
	100 TO 150		22	16003	256.65	.01243
	150 TO 200		14	17723	324.13	.01027
	200 TO 300		123	16974	409.96	.00954
	300 TO 400		153	17303	509.45	.00829
	400 TO 550		280	17030	618.33	.00782
	550 TO 700		132	17093	833.92	.00777
	700 TO 850		111	16767	900.42	.00704
	850 TO 1000		48	16861	1066.07	.00701
	1000 TO 1200		4	16920	1480.57	.00772
	1200 TO 1400		7	17463	1748.92	.00788
	1400 TO 1600		22	16542	1524.65	.00599
	1600 TO 1800		41	17184	1686.70	.00561
	1800 TO 2200		21	16233	1569.37	.00528
NO. OF SHIPMENTS		983				
20000 TO 24999	50 TO 100	4	21899	363.33	57	.02911
	100 TO 150	12	21553	256.73	121	.00587
	150 TO 200	21	22541	307.74	178	.00767
	200 TO 300	134	21957	443.82	256	.00789
	300 TO 400	145	22133	558.80	355	.00711
	400 TO 550	263	22073	685.38	462	.00673
	550 TO 700	173	21920	834.83	628	.00606
	700 TO 850	81	21744	984.70	764	.00593
	850 TO 1000	85	21718	1245.94	937	.00612
	1000 TO 1200	3	22839	1858.02	1136	.00716
	1200 TO 1400	2	22894	1533.27	1246	.00538
	1400 TO 1600	4	22513	1834.65	1532	.00532
	1600 TO 1800	19	22044	1922.79	1756	.00497
	1800 TO 2200	5	22399	2197.87	1821	.00539
NO. OF SHIPMENTS		951				
25000 TO 29999	50 TO 100	3	26131	274.90	57	.01846
	100 TO 150	6	27599	273.39	122	.00810
	150 TO 200	26	27915	336.11	178	.00676
	200 TO 300	138	27082	429.39	253	.00627
	300 TO 400	155	27490	561.14	352	.00562
	400 TO 550	295	27820	748.57	479	.00536
	550 TO 700	178	27653	927.16	626	.00497
	700 TO 850	90	26927	1030.72	770	.00503
	850 TO 1000	55	27456	1275.75	924	.00526
	1000 TO 1200	3	26406	1513.56	1090	.00467
	1400 TO 1600	15	25996	1849.93	1524	.00405
	1600 TO 1800	23	27084	1924.89	1756	.00448
	1800 TO 2200	4	27159	2247.57	1848	
NO. OF SHIPMENTS		991				

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MOTOR CARRIER COST ANALYSIS
DONIT

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT PER CWT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
30000 TO 34999	50 TO 100 100 TO 150 150 TO 200 200 TO 300 300 TO 400 400 TO 500 550 TO 700 700 TO 850 850 TO 1000 1000 TO 1200 1200 TO 1400 1400 TO 1600 1600 TO 1800 1800 TO 2200	1 3 28 75 118 208 131 76 35 1 2 2 2 8 1 1	30000 33977 31962 32007 31775 32174 32204 32098 31114 34069 31375 33014 32709 31415	438.00 412.97 338.02 464.29 615.16 802.78 967.84 1094.69 1328.90 2741.90 1699.07 2244.50 2089.80 3797.83	57 126 179 254 359 468 627 774 924 1148 1272 1537 1754 1805	.02561 .00967 .00591 .00571 .00540 .00533 .00480 .00440 .00462 .00701 .00426 .00442 .00364 .00670
NO. OF SHIPMENTS		689				
35000 TO 39999	100 TO 150 150 TO 200 200 TO 300 300 TO 400 400 TO 500 550 TO 700 700 TO 850 850 TO 1000 1000 TO 1200 1200 TO 1400 1400 TO 1600 1600 TO 1800 1800 TO 2200	7 32 103 110 171 128 53 41 2 2 9 9 6	36385 36916 37396 36902 37053 36917 36998 37030 38140 38000 37111 36822 36737	347.11 324.02 432.44 616.37 767.15 998.26 1137.55 1385.52 1414.17 1842.26 1916.43 2100.15 2319.03	119 179 251 361 462 626 776 940 1053 1279 1518 1749 1846	.00802 .00491 .00462 .00463 .00448 .00432 .00396 .00398 .00352 .00379 .00340 .00326 .00342
NO. OF SHIPMENTS		673				
40000 AND OVER	50 TO 100 100 TO 150 150 TO 200 200 TO 300 300 TO 400 400 TO 500 550 TO 700 700 TO 850 850 TO 1000 1000 TO 1200 1200 TO 1400 1400 TO 1600 1600 TO 1800 1800 TO 2200	1 7 81 169 295 343 231 50 64 2 1 4 10 1 4 10 1	40000 41552 42818 43282 47336 42272 42432 42892 41728 41605 41400 42934 42756 55106	484.00 357.50 362.71 491.03 636.41 761.94 905.55 1141.95 1299.35 1541.05 1658.80 2600.78 2549.13 3499.23	57 119 178 247 360 476 624 763 927 1090 1264 1541 1783 1881	.02123 .00723 .00476 .00459 .00373 .00379 .00342 .00349 .00336 .00340 .00317 .00393 .00334 .00338
NO. OF SHIPMENTS		C-13				

MOTOR CARRIER COST ANALYSIS
DDCC

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
O TO 499						
50 TO 100	135	170	41.45		75	.32488
100 TO 150	191	155	37.08		124	.19354
150 TO 200	522	158	36.59		172	.13429
200 TO 300	882	159	36.96		254	.09160
300 TO 400	3152	166	37.56		350	.06442
400 TO 500	5248	169	41.34		461	.05287
500 TO 700	2576	153	39.77		634	.04111
700 TO 850	1302	161	46.90		764	.03814
850 TO 1000	582	155	45.77		930	.03180
1000 TO 1200	763	166	50.30		1111	.02727
1200 TO 1400	120	148	52.45		1317	.02685
1400 TO 1600	316	181	47.44		1515	.01731
1600 TO 1800	143	156	47.11		1685	.01797
1800 TO 2200	2386	177	56.29		2019	.01576
NO. OF SHIPMENTS						
18318						
500 TO 999						
50 TO 100	50	29	747	44.05	82	.07149
100 TO 150	100	33	686	55.37	125	.06452
150 TO 200	150	86	719	56.57	175	.04497
200 TO 300	200	121	705	60.58	254	.03377
300 TO 400	300	577	705	74.81	353	.03011
400 TO 550	400	902	707	80.57	462	.02466
550 TO 700	550	358	697	82.25	634	.01861
700 TO 850	700	260	700	111.13	770	.02060
850 TO 1000	850	84	703	95.51	927	.01464
1000 TO 1200	1000	134	709	88.99	1093	.01149
1200 TO 1400	1200	14	619	89.83	1284	.01129
1400 TO 1600	1400	59	681	93.77	1508	.00913
1600 TO 1800	1600	23	706	106.62	1686	.00896
1800 TO 2200	1800	569	713	123.82	2021	.00859
NO. OF SHIPMENTS						
3249						
1000 TO 1999						
50 TO 100	50	37	1451	67.13	86	.05378
100 TO 150	100	18	1518	78.22	124	.04161
150 TO 200	150	54	1335	81.31	173	.03522
200 TO 300	200	81	1444	98.05	254	.02673
300 TO 400	300	369	1391	142.47	352	.02910
400 TO 550	400	586	1393	121.88	461	.01898
550 TO 700	550	264	1377	132.90	633	.01525
700 TO 850	700	130	1347	191.01	770	.01842
850 TO 1000	850	38	1457	158.71	921	.01183
1000 TO 1200	1000	82	1391	169.66	1062	.01148
1200 TO 1400	1200	10	1310	173.11	1315	.01005
1400 TO 1600	1400	40	1397	165.44	1530	.00774
1600 TO 1800	1600	10	1241	166.00	1699	.00787
1800 TO 2200	1800	305	360	203.73	2030	.00738
NO. OF SHIPMENTS						
2024						
2000 TO 4999						
50 TO 100	50	33	3191	123.96	86	.04505

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MOTOR CARRIER COST ANALYSIS
DDOC

WEIGHT CATEGORY	MILEAGES	NO. OF SHIPMENTS			AVERAGE WEIGHT PER CWT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
		NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES				
100 TO 150	6	3224	132.66	122	.03382			
150 TO 200	32	3252	144.06	173	.02554			
200 TO 300	60	2867	184.80	261	.02470			
300 TO 400	255	3018	243.90	355	.02278			
400 TO 550	405	3107	223.86	457	.01576			
550 TO 700	142	2915	252.75	639	.01358			
700 TO 850	76	2689	284.76	771	.01373			
850 TO 1000	16	2566	243.65	917	.01035			
1000 TO 1200	40	2803	278.23	1065	.00932			
1200 TO 1400	5	2680	366.52	1339	.01022			
1400 TO 1600	33	2878	297.17	1540	.00671			
1600 TO 1800	9	2667	302.34	1698	.00668			
1800 TO 2200	278	2806	355.14	2042	.00620			
NO. OF SHIPMENTS	1390							
5000 TO 9999	50 TO 100	20	6571	186.14				
	100 TO 150	3	5866	226.26	123	.03145		
	150 TO 200	4	6387	268.49	173	.02433		
	200 TO 300	21	6363	281.12	265	.01666		
	300 TO 400	53	6718	363.62	344	.01572		
	400 TO 550	229	7193	458.61	449	.01419		
	550 TO 700	55	6131	410.46	634	.01056		
	700 TO 850	26	6249	466.78	770	.00970		
	850 TO 1000	7	5889	612.46	916	.01135		
	1000 TO 1200	26	5860	490.85	1068	.00784		
	1200 TO 1400	7	6487	792.53	1550	.00788		
	1400 TO 1600	2	8254	1676.79	1697	.01198		
	1600 TO 1800	90	6168	808.67	2059	.00637		
NO. OF SHIPMENTS	543							
10000 TO 14999	50 TO 100	5	11821	305.02	86	.03000		
	150 TO 200	2	12813	459.60	182	.01976		
	200 TO 300	7	13117	402.84	240	.01278		
	300 TO 400	64	12411	497.90	331	.01212		
	400 TO 550	261	12437	669.55	437	.01231		
	550 TO 700	13	12214	813.39	633	.01052		
	700 TO 850	5	12147	943.90	782	.00994		
	850 TO 1000	3	10711	738.14	949	.00726		
	1000 TO 1200	6	12010	1366.27	1081	.01053		
	1200 TO 1400	2	11950	1270.07	1257	.00846		
	1400 TO 2200	29	11738	1688.01	2024	.00711		
NO. OF SHIPMENTS	397							
15000 TO 19999	50 TO 100	2	16278	425.00		.03036		
	100 TO 150	1	16210	390.00	131	.01837		
	150 TO 200	1	17100	204.00	169	.00706		
	200 TO 300	2	17730	448.20	224	.01129		
	300 TO 400	71	17541	519.62	331	.00896		
	400 TO 550	160	17235	704.07	437	.00934		

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MOTOR CARRIER COST ANALYSIS
8000

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
550 TO 700	17746	921.72	64.1	.00811		
700 TO 850	17288	903.34	77.1	.00678		
850 TO 1000	18989	1816.90	932	.01027		
1000 TO 1200	16441	1371.26	1099	.00759		
1200 TO 2200	16738	2116.47	2046	.00618		
NO. OF SHIPMENTS	280					
20000 TO 24999	50 TO 100	2	24389	482.47	86	.02300
	150 TO 200	2	20500	327.00	170	.00938
	200 TO 300	1	21000	500.00	212	.01123
	300 TO 400	42	22075	527.50	331	.00722
	400 TO 550	109	22633	702.52	434	.00716
	550 TO 700	9	23024	948.09	642	.00641
	700 TO 850	2	21394	1115.25	805	.00648
	850 TO 1000	1	21080	1208.65	928	.00618
	1000 TO 1200	10	23809	1244.86	1009	.00518
	1200 TO 1600	2	21420	2379.90	1550	.00717
	1400 TO 1800	1	24680	2691.08	1663	.00656
	1600 TO 2200	11	22387	2319.18	2069	.00501
NO. OF SHIPMENTS	192					
25000 TO 29999	100 TO 150	1	27630	400.00	116	.01248
	200 TO 300	9	27689	444.24	220	.00729
	300 TO 400	20	27128	523.65	337	.00573
	400 TO 550	84	27047	692.12	439	.00583
	550 TO 700	2	27987	972.78	606	.00574
	700 TO 850	1	28000	1616.90	753	.00767
	1000 TO 1200	1	25600	1177.08	1009	.00456
	1200 TO 1600	1	26190	2275.05	1416	.00613
	1600 TO 2200	1	28750	3052.43	2128	.00499
NO. OF SHIPMENTS	120					
30000 TO 34999	150 TO 200	1	31880	450.00	169	.00835
	300 TO 400	5	32303	538.90	335	.00498
	400 TO 550	25	32191	848.58	436	.00604
	550 TO 700	1	34000	1408.74	649	.00638
	850 TO 1000	1	31648	1417.20	957	.00468
	1000 TO 1200	1	32100	1327.10	1009	.00410
	1200 TO 1600	1	30000	2041.20	1564	.00435
	1600 TO 2200	6	32009	2903.77	2011	.00451
NO. OF SHIPMENTS	41					
35000 TO 39999	300 TO 400	1	35346	503.00	327	.00435
	400 TO 850	35	37851	771.48	496	.00411
	550 TO 700	1	36120	1019.74	677	.00417
	700 TO 850	1	39864	1712.50	783	.00547
	1000 TO 1200	1	36900	1560.87	1125	.00376
	1200 TO 1400	1	36315	1819.38	1257	.00399

MOTOR CARRIER COST ANALYSIS
DOCCO

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
	1800 TO 2200	14	39421	2095.43	1929	.00276
NO. OF SHIPMENTS						
40000 AND OVER	50 TO 100	1	40800	500.00	86	.01425
	150 TO 200	2	41000	362.80	161	.00551
	200 TO 300	4	41113	655.39	206	.00774
	300 TO 400	1	40000	1100.00	367	.00749
	400 TO 500	65	48519	867.55	486	.00368
	550 TO 700	1	43500	1137.10	629	.00416
	700 TO 850	5	42794	978.70	759	.00301
	1000 TO 1200	2	41665	1331.66	1034	.00369
	1400 TO 1600	2	43235	2833.84	1564	.00419
	1800 TO 2200	4	42691	2340.11	2037	.00269
NO. OF SHIPMENTS						

MOTOR CARRIER COST ANALYSIS
DODP

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE RATE PER MILE PER CWT
0 TO 499	0 TO 50	165	24.28	.45	.32907
	50 TO 100	154	25.72	.80	.20957
	100 TO 150	157	26.07	1.31	.12619
	150 TO 200	151	30.47	1.73	.11681
	200 TO 300	154	31.08	2.53	.07974
	300 TO 400	153	36.20	3.60	.06580
	400 TO 550	157	37.50	4.73	.05045
	550 TO 700	156	38.86	6.19	.04017
	700 TO 850	165	44.41	7.75	.03477
	850 TO 1000	154	46.78	9.20	.03111
	1000 TO 1200	153	51.39	11.04	.03038
	1200 TO 1400	138	56.31	13.03	.03135
	1400 TO 1600	145	58.29	15.15	.02660
	1600 TO 1800	131	62.49	17.12	.02776
	1800 TO 2200	132	64.21	20.26	.02394
	2200 TO 2600	134	68.78	24.32	.02113
NO. OF SHIPMENTS					
500 TO 999	0 TO 50	74	40.75	.47	.12471
	50 TO 100	890	46.41	.81	.06091
	100 TO 150	473	46.86	1.33	.04897
	150 TO 200	505	50.50	1.73	.04091
	200 TO 300	1281	712	55.80	.03084
	300 TO 400	380	699	67.32	.02682
	400 TO 550	871	706	74.20	.02188
	550 TO 700	817	699	81.63	.01908
	700 TO 850	692	708	96.80	.01787
	850 TO 1000	485	702	102.39	.01593
	1000 TO 1200	448	691	101.32	.01319
	1200 TO 1400	263	683	111.11	.01244
	1400 TO 1600	457	707	121.55	.01142
	1600 TO 1800	47	672	135.60	.01163
	1800 TO 2200	222	685	140.36	.01031
	2200 TO 2600	986	694	163.57	.00968
NO. OF SHIPMENTS					
1000 TO 1999	0 TO 50	50	1417	.48	.09848
	50 TO 100	752	1425	79.58	.06753
	100 TO 150	316	1392	72.54	.03935
	150 TO 200	382	1393	79.92	.03303
	200 TO 300	930	1427	89.40	.02458
	300 TO 400	271	1391	105.31	.02087
	400 TO 550	654	1425	117.96	.01714
	550 TO 700	524	1404	128.61	.01519
	700 TO 850	504	1367	152.10	.01455
	850 TO 1000	284	1354	168.26	.01352
	1000 TO 1200	240	1311	164.51	.01125
	1200 TO 1400	136	1346	188.52	.01081
	1400 TO 1600	285	1305	189.99	.00967
	1600 TO 1800	12	1242	206.60	.00957

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MOTOR CARRIER COST ANALYSIS
Dump

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
NO. OF SHIPMENTS		5973				
2000 TO 4999						
0 TO 50	51	5250	121.38	4.9	.07662	
50 TO 100	668	3178	143.18	8.2	.05462	
100 TO 150	235	2979	113.02	13.2	.02876	
150 TO 200	267	3022	143.58	17.3	.02753	
200 TO 300	717	3042	157.24	25.7	.02009	
300 TO 400	154	2816	182.98	37.2	.01747	
400 TO 550	479	3019	199.38	47.9	.01378	
550 TO 700	323	2931	213.89	59.7	.01222	
700 TO 850	321	2847	267.46	76.6	.01226	
850 TO 1000	163	2785	287.81	92.4	.01119	
1000 TO 1200	139	2690	286.98	112.1	.00951	
1200 TO 1400	95	2757	366.53	129.9	.01024	
1400 TO 1600	224	2682	335.11	149.8	.00834	
1600 TO 1800	7	2763	416.36	174.2	.00865	
1800 TO 2200	60	2668	364.49	194.6	.00702	
2200 TO 2600	457	2838	503.48	243.5	.00729	
NO. OF SHIPMENTS		4360				
C-5000 TO 9999						
0 TO 50	34	6555	226.26	4.9	.07019	
50 TO 100	298	6830	220.47	6.1	.04000	
100 TO 150	102	6559	210.55	13.1	.02447	
150 TO 200	85	6661	251.58	17.1	.02205	
200 TO 300	260	6728	266.11	26.0	.01519	
300 TO 400	70	6321	379.29	37.8	.01589	
400 TO 550	244	6393	319.03	46.6	.01071	
550 TO 700	198	6769	520.79	59.8	.01287	
700 TO 850	131	6399	464.13	76.6	.00947	
850 TO 1000	48	6294	532.90	92.7	.00914	
1000 TO 1200	29	6227	544.73	11.1	.00787	
1200 TO 1400	44	6296	638.48	128.9	.00787	
1400 TO 1600	69	6534	741.89	15.1	.00751	
1600 TO 1800	1	5230	557.52	175.1	.00609	
1800 TO 2200	20	6927	991.21	196.1	.00730	
2200 TO 2600	179	6379	998.30	245.7	.00637	
NO. OF SHIPMENTS		1812				
10000 TO 14999						
0 TO 50	18	12324	215.56	50	.03530	
50 TO 100	218	12390	277.25	77	.02915	
100 TO 150	59	11870	264.68	13.2	.01686	
150 TO 200	40	11336	397.36	17.5	.01999	
200 TO 300	123	11587	373.88	26.0	.01242	
300 TO 400	14	11695	393.71	37.9	.00888	
400 TO 550	65	12141	435.63	45.3	.00791	
550 TO 700	58	12226	1007.11	58.7	.01404	
700 TO 850	29	11980	855.40	77.4	.00923	

MOTOR CARRIER COST ANALYSIS
DUMP

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CNT
850 TO 1000	14	12263	1042.16	931	.00913	.02793
1000 TO 1200	5	11076	746.56	1135	.00594	.02019
1200 TO 1400	9	10849	900.35	1271	.00853	.01105
1400 TO 1600	14	10861	1150.31	1500	.00706	.01235
1600 TO 2200	6	11685	2440.30	1981	.01054	.00590
2200 TO 2600	92	11958	1754.37	2487		
NO. OF SHIPMENTS	764					
15000 TO 19999	0 TO 50	19	17305	241.68	50	.02793
	50 TO 100	208	17553	286.62	81	.02019
	100 TO 150	41	17498	264.20	137	.01105
	150 TO 200	31	16283	352.34	175	.01235
	200 TO 300	111	16894	442.83	263	.00998
	200 TO 400	24	16205	454.79	366	.00767
	300 TO 400	53	16605	455.26	449	.00611
	400 TO 550	41	16906	800.49	592	.00800
	550 TO 700	18	16868	781.27	779	.00595
	700 TO 850	5	16321	869.63	929	.00573
	850 TO 1000	1	19000	1411.48	1263	.00588
	1200 TO 1400	1	16374	1051.29	1536	.00418
	1400 TO 1600	6	16684	2109.65	2496	.00507
NO. OF SHIPMENTS	597					
20000 TO 24999	0 TO 50	9	22223	269.14	50	.02422
	50 TO 100	129	22267	281.43	81	.01565
	100 TO 150	52	22145	291.64	136	.00967
	150 TO 200	13	22102	386.08	176	.00932
	200 TO 300	81	21863	475.04	261	.00832
	300 TO 400	10	21493	508.94	360	.00658
	400 TO 550	36	21412	508.84	452	.00526
	550 TO 700	35	22060	669.11	585	.00519
	700 TO 850	13	22125	785.54	775	.00458
	850 TO 1000	4	20203	905.01	930	.00482
	1000 TO 1200	3	20000	984.67	1153	.00427
	1200 TO 1400	1	20000	1004.00	1263	.00397
	1400 TO 1600	12	20383	1302.80	1493	.00428
	2200 TO 2600	24	21951	2136.40	2483	.00392
NO. OF SHIPMENTS	422					
25000 TO 29999	0 TO 50	3	27253	501.81	41	.04528
	50 TO 100	78	27405	311.82	81	.01404
	100 TO 150	26	27164	302.29	138	.00807
	150 TO 200	13	26533	471.55	177	.01003
	200 TO 300	43	26797	482.71	267	.00676
	300 TO 400	2	27458	704.00	331	.00776
	400 TO 550	12	26177	545.19	453	.00460
	550 TO 700	21	26586	641.10	584	.00413
	700 TO 850	6	28285	751.42	774	.00343
	1000 TO 1200	1	28000	1745.80	1092	.00571

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MOTOR CARRIER COST ANALYSIS
DUMP

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
1400 TO 1600	3	26416	1518.23	1529	.00376	
2200 TO 2600	8	27555	2577.51	2448	.00382	
NO. OF SHIPMENTS						
30000 TO 34999	0 TO 50	3	34235	1647.19	41	.11831
	50 TO 100	54	32332	332.60	79	.01303
	100 TO 150	22	32059	365.84	134	.00854
	150 TO 200	15	31072	465.54	174	.00859
	200 TO 300	52	31583	542.23	259	.00664
	300 TO 400	11	32397	537.91	383	.00433
	400 TO 550	24	30630	572.00	438	.00426
	550 TO 700	19	31452	666.84	581	.00365
	700 TO 850	8	32492	830.73	769	.00332
	850 TO 1000	1	31892	540.00	931	.00182
	1000 TO 1200	3	32692	1328.90	1073	.00379
	1200 TO 1400	1	32050	3699.64	1361	.00848
	1400 TO 1600	2	30000	2092.00	1529	.00456
	1600 TO 2200	3	31939	963.33	1872	.00161
	2200 TO 2600	6	32349	3164.60	2489	.00393
NO. OF SHIPMENTS		224				
35000 TO 39999	0 TO 50	2	39295	496.01	44	.02902
	50 TO 100	29	37358	331.84	73	.01219
	100 TO 150	16	37694	287.35	132	.00576
C-21	150 TO 200	10	36478	574.92	176	.00894
	200 TO 300	28	37660	520.66	263	.00526
	300 TO 400	4	37582	727.92	347	.00559
	400 TO 550	12	37035	782.06	439	.00481
	550 TO 700	7	37491	726.86	589	.00329
	700 TO 850	4	37138	1765.93	789	.00603
	1200 TO 1400	1	36300	2704.27	1361	.00547
	2200 TO 2600	5	36206	2767.76	2511	.00304
NO. OF SHIPMENTS		118				
40000 AND OVER	0 TO 50	42	106626	874.53	50	.01640
	50 TO 100	59	67172	750.83	72	.01555
	100 TO 150	55	80606	834.46	135	.00764
	150 TO 200	40	63592	914.64	167	.00861
	200 TO 300	120	69079	1000.57	258	.00562
	300 TO 400	6	60475	935.82	362	.00428
	400 TO 550	14	62369	1020.33	442	.00370
	550 TO 700	19	54970	1160.53	594	.00355
	700 TO 850	18	71686	1939.65	790	.00342
	850 TO 1000	6	120729	4179.26	965	.00359
	1000 TO 1200	3	70980	2700.72	1097	.00347
	1200 TO 1400	2	59742	2986.79	1354	.00369
	1400 TO 1600	3	105698	2772.59	1530	.00171
	2200 TO 2600	9	47827	3367.94	2458	.00287

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MOTOR CARRIER COST ANALYSIS
DOMP

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT PER SHIPMENT	AVERAGE TRANSPORTATION CHARGES MILES	AVERAGE RATE PER MILE PER CWT
NO. OF SHIPMENTS	396				

MOTOR CARRIER COST ANALYSIS
DCRV

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
0 TO 499			198	35.43	89	.20113
50 TO 100	50 TO 100	161	181	34.79	127	.15176
100 TO 150	100 TO 150	1127	187	35.55	168	.11345
150 TO 200	150 TO 200	1083	183	40.05	250	.08759
200 TO 300	200 TO 300	3599	2400	41.57	346	.06852
300 TO 400	300 TO 400	4752	176	44.75	473	.05126
400 TO 500	400 TO 500	400	185	47.98	623	.04046
500 TO 700	500 TO 700	550	2265	190	51.43	.03422
700 TO 850	700 TO 850	700	2000	194	57.81	.03331
850 TO 1000	850 TO 1000	850	829	186	57.28	.02725
1000 TO 1200	1000 TO 1200	1000	1192	191	63.04	.02452
1200 TO 1400	1200 TO 1400	1200	949	198	67.65	.02369
1400 TO 1600	1400 TO 1600	1400	368	193	74.13	.02063
1600 TO 1800	1600 TO 1800	1600	213	214	74.35	.02087
1800 TO 2200	1800 TO 2200	1800	500	180	197.8	
2200 TO 2600	2200 TO 2600	2200	1347	189	81.94	.01819
NO. OF SHIPMENTS		22785				
500 TO 999		50 TO 100	66	687	53.50	.08676
		100 TO 150	289	701	51.84	.05740
		150 TO 200	276	713	71.39	.05984
		200 TO 300	916	712	69.09	.03921
		300 TO 400	591	718	83.42	.03355
		400 TO 500	1313	702	82.26	.02468
		500 TO 700	558	717	95.23	.02149
		700 TO 850	464	704	104.80	.01931
		850 TO 1000	168	691	113.18	.01744
		1000 TO 1200	328	712	118.69	.01514
		1200 TO 1400	271	704	133.39	.01461
		1400 TO 1600	94	698	153.05	.01482
		1600 TO 1800	61	735	162.45	.01315
		1800 TO 2200	107	684	151.17	.01120
		2200 TO 2600	296	706	176.89	.01051
NO. OF SHIPMENTS		5798				
1000 TO 1999		50 TO 100	55	1343	85.88	.07129
		100 TO 150	194	1415	81.01	.04454
		150 TO 200	307	1409	195.50	.08229
		200 TO 300	654	1402	105.76	.03040
		300 TO 400	433	1394	153.76	.03150
		400 TO 550	958	1402	129.07	.01922
		550 TO 700	429	1388	150.01	.01754
		700 TO 850	331	1368	168.34	.01590
		850 TO 1000	116	1297	187.60	.01541
		1000 TO 1200	184	1360	192.55	.01284
		1200 TO 1400	159	1373	222.86	.01249
		1400 TO 1600	73	1412	261.28	.01252
		1600 TO 1800	43	1317	246.75	.01113
		1800 TO 2200	63	1306	244.80	.00946
		2200 TO 2600	218	1286	239.49	.00945

MOTOR CARRIER COST ANALYSIS
DORV

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT		AVERAGE TRANSPORTATION CHARGES		AVERAGE RATE PER MILE PER CWT
			TRANSPORTATION MILES	CHARGES	TRANSPORTATION MILES	CHARGES	
NO. OF SHIPMENTS							
2000 TO 4999	50 TO 100	4217			208.33	9.1	.08242
	100 TO 150	36			139.48	130	.03489
	150 TO 200	146			206.31	168	.03996
	200 TO 300	244			177.94	252	.02534
	300 TO 400	391			262.36	348	.02535
	400 TO 550	273			223.00	480	.01648
	550 TO 700	634			256.65	612	.01467
	700 TO 850	289			302.48	781	.01356
	850 TO 1000	700			306.67	945	.01261
	1000 TO 1200	67			337.35	1097	.01120
	1200 TO 1400	168			383.45	1286	.01089
	1400 TO 1600	145			428.55	1478	.01056
	1600 TO 1800	63			461.96	1689	.01041
	1800 TO 2200	39			489.15	1985	.00850
	2200 TO 2600	48			546.57	2380	.00802
NO. OF SHIPMENTS							
5000 TO 9999	50 TO 100	2957			638.1	9.1	.04605
	100 TO 150	16			228.29	131	.02596
	150 TO 200	54			288.64	169	.02602
	200 TO 300	72			289.39	255	.01867
	300 TO 400	222			363.82	346	.01649
	400 TO 550	139			373.26	476	.01329
	550 TO 700	237			444.30	599	.01227
	700 TO 850	67			536.72	773	.01106
	850 TO 1000	106			542.62	931	.01078
	1000 TO 1200	18			646.10	1110	.00953
	1200 TO 1400	66			758.24	1273	.00943
	1400 TO 1600	45			801.46	1483	.00857
	1600 TO 1800	12			905.96	1685	.00838
	1800 TO 2200	11			821.10	1988	.00674
	2200 TO 2600	18			996.80	2384	.00665
NO. OF SHIPMENTS							
10000 TO 14999	50 TO 100	1136			1048.1	90	.03375
	100 TO 150	9			1076.2	295.28	.02105
	150 TO 200	51			11324	318.57	.01682
	200 TO 300	123			1016	348.33	.01200
	300 TO 400	161			11353	440.84	.01103
	400 TO 550	91			11471	584.19	.01051
	550 TO 700	141			11686	699.37	.00984
	700 TO 850	50			11421	845.46	.00945
	850 TO 1000	42			12213	1561.54	.01366
	1000 TO 1200	7			11319	1167.09	.00915
	1200 TO 1400	23			11466	1243.63	.00844
	1400 TO 1600	33			11170	1524.62	.00906
	1600 TO 1800	3			11376	1432.57	.00743
	1800 TO 2200	9			10489	1872.60	.00817

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MOTOR CARRIER COST ANALYSIS

DORV

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	AVERAGE TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
2200 TO 2600	41	11788	1915.99	2388	.00681	
NO. OF SHIPMENTS	790	15703	309.45	90	.02193	
15000 TO 19999	7	15873	377.17	128	.01864	
100 TO 150	18	15823	329.58	167	.01250	
150 TO 200	111	15851	422.67	247	.01080	
200 TO 300	154	16337	490.08	345	.00869	
300 TO 400	72	16027	669.10	495	.00643	
400 TO 550	117	16277	895.79	619	.00890	
550 TO 700	27	16736	1069.52	780	.00819	
700 TO 850	26	16951	1171.44	904	.00764	
850 TO 1000	3	16974	1391.59	1071	.00766	
1000 TO 1200	5	16093	1640.76	1284	.00794	
1200 TO 1400	8	15820	1759.18	1507	.00738	
1400 TO 1600	1	15000	1875.00	1701	.00735	
1600 TO 1800	1	17554	2351.02	1882	.00712	
1800 TO 2200	2	17083	2596.61	2425	.00627	
2200 TO 2600	33	585				
NO. OF SHIPMENTS	585	24000	331.20	87	.01586	
20000 TO 24999	1	21445	338.94	127	.01240	
100 TO 150	24	21255	423.32	167	.01190	
150 TO 200	94	20953	428.61	240	.00851	
200 TO 300	198	21372	581.52	347	.00784	
300 TO 400	61	21094	723.41	490	.00700	
400 TO 550	105	21143	958.73	615	.00737	
550 TO 700	30	21796	1156.03	786	.00675	
700 TO 850	27	21429	1393.36	960	.00677	
850 TO 1000	6	21570	1643.14	1103	.00691	
1000 TO 1200	12	21531	1811.68	1311	.00642	
1200 TO 1400	15	21527	1977.78	1507	.00610	
1400 TO 1600	1	24118	1963.21	1701	.00479	
1600 TO 1800	1	21603	2641.26	2088	.00586	
1800 TO 2200	3	21763	2835.00	2432	.00536	
2200 TO 2600	55	633				
NO. OF SHIPMENTS	633	25000	320.00	91	.01407	
25000 TO 29999	1	26419	329.97	123	.01015	
100 TO 150	9	26068	444.26	168	.01016	
150 TO 200	48	25756	441.59	235	.00729	
200 TO 300	132	26747	584.91	338	.00647	
300 TO 400	29	26095	780.58	492	.00608	
400 TO 550	54	26001	1073.99	606	.00681	
550 TO 700	7	26814	1115.73	785	.00530	
700 TO 850	13	26562	1704.51	955	.00672	
850 TO 1000	3	25215	1773.40	1175	.00599	
1000 TO 1200	1	25984	2308.54	1324	.00671	
1200 TO 1400	5	29063	6501.60	1701	.01315	
1600 TO 1800	1					

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MOTOR CARRIER COST ANALYSIS
DORV

WEIGHT CATEGORY	MILEAGES	NO. SHIPMENTS	AVERAGE WEIGHT	TRANSPORTATION CHARGES	AVERAGE TRANSPORTATION MILES	AVERAGE RATE PER MILE PER CWT
1800 TO 2200	1	29600	26130	3237.00	1882	.00581
2200 TO 2600	17			3452.47	2451	.00539
NO. OF SHIPMENTS	321					
30000 TO 34999	50	100	1	30000	369.00	91
100 TO 150	12	31735		375.25	123	.01352
150 TO 200	153	30619		428.87	166	.00961
200 TO 300	202	31046		454.19	230	.00842
300 TO 400	113	30957		603.60	338	.00636
400 TO 550	162	31410		838.69	485	.00577
550 TO 700	24	31181		1119.97	617	.00550
700 TO 850	24	31018		1306.78	802	.00582
850 TO 1000	2	31500		1341.80	997	.00525
1000 TO 1200	17	31587		2212.07	1123	.00427
1200 TO 1400	18	31418		2421.49	1292	.00624
1600 TO 1800	2	31020		2352.39	1701	.00596
1800 TO 2200	1	30745		3317.39	1882	.00446
2200 TO 2600	44	31438		3388.53	2400	.00573
NO. OF SHIPMENTS	775					
35000 TO 39999	100	10	150	7	415.97	125
150 TO 200	39	37254		536.83	167	.00861
200 TO 300	90	37335		504.91	230	.00588
300 TO 400	48	37709		824.36	344	.00636
400 TO 550	63	37068		962.86	503	.00517
550 TO 700	11	37467		1269.89	623	.00544
700 TO 850	7	37037		1448.64	758	.00516
850 TO 1000	3	36518		2643.76	984	.00736
1000 TO 1200	2	36250		1527.80	1126	.00374
1200 TO 1400	3	38971		3526.87	1243	.00728
1800 TO 2200	1	35520		3832.61	1882	.00573
2200 TO 2600	7	37024		4121.18	2440	.00456
NO. OF SHIPMENTS	281					
40000 AND OVER	100	10	150	21	41385	393.52
150 TO 200	69	43822		622.32	622	.00836
200 TO 300	197	43111		622.97	248	.00582
300 TO 400	104	42312		813.17	353	.00545
400 TO 550	147	45554		1034.91	481	.00472
550 TO 700	70	43259		1113.02	588	.00438
700 TO 850	5	47192		1978.46	765	.00548
850 TO 1000	3	43405		2612.41	997	.00604
1000 TO 1200	7	42662		2197.66	1157	.00445
1200 TO 1400	13	41479		2710.16	1304	.00501
1400 TO 1600	1	42042		3993.99	1507	.00630
1800 TO 2200	1	44758		4829.39	1882	.00573
2200 TO 2600	18	47495		4945.08	2398	.00434
NO. OF SHIPMENTS						

END

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